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FIG. 4A(1)

FIG. 4A(2)

FIG. 4A(3)

FIG. 4A(4)

FIG. 4A

REPLACEMENT SHEET

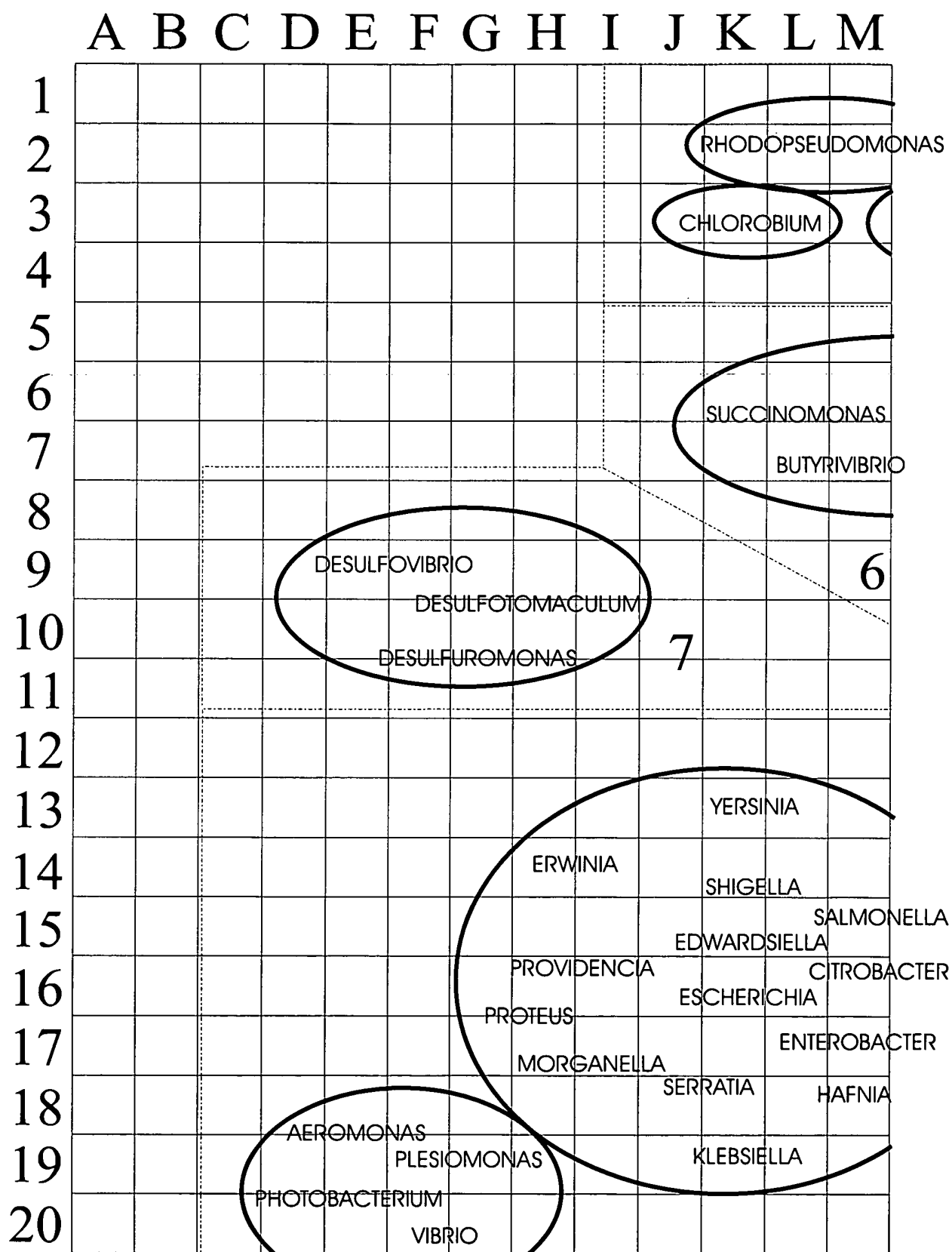


FIG. 4A(1)

REPLACEMENT SHEET

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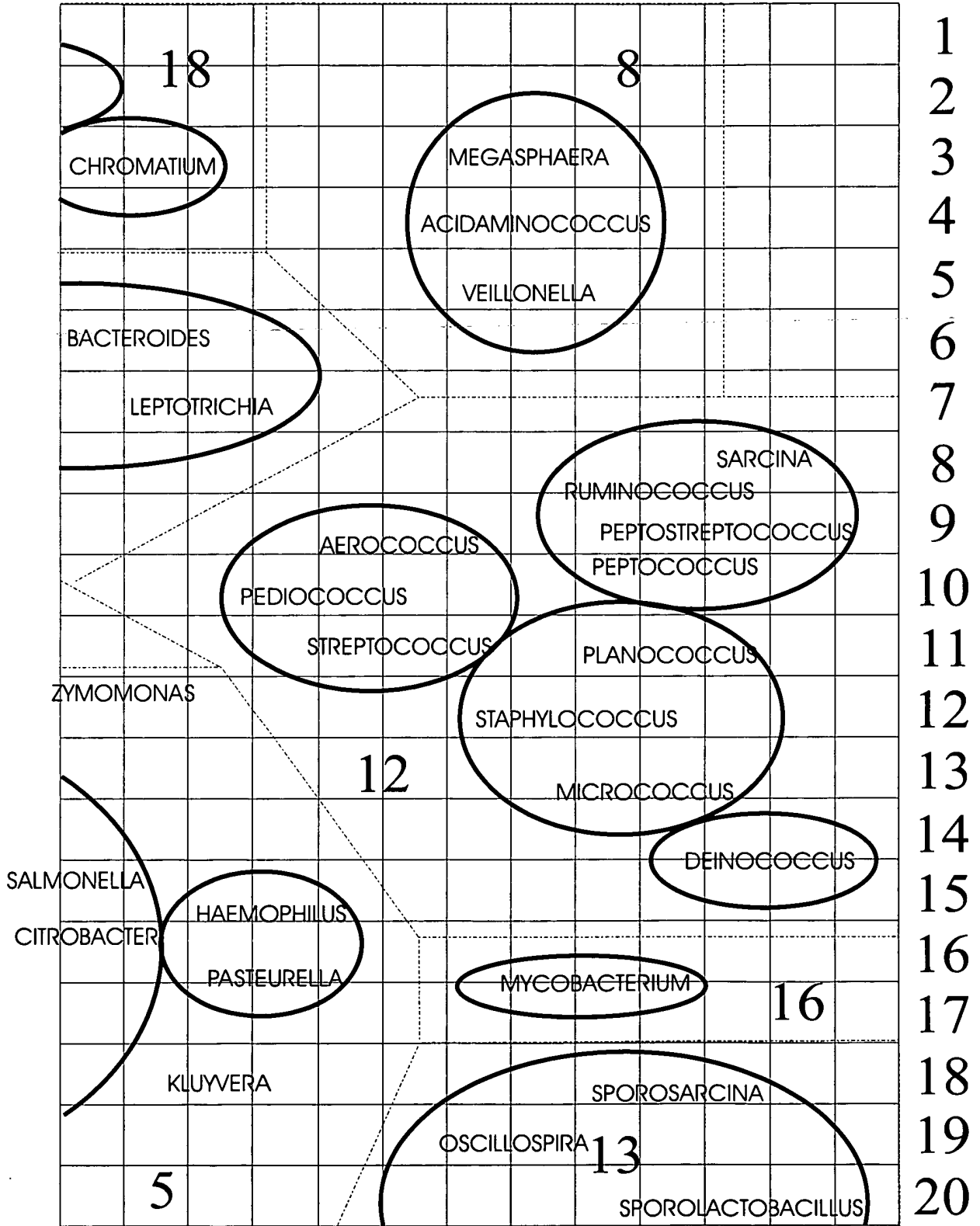


FIG. 4A(2)

REPLACEMENT SHEET

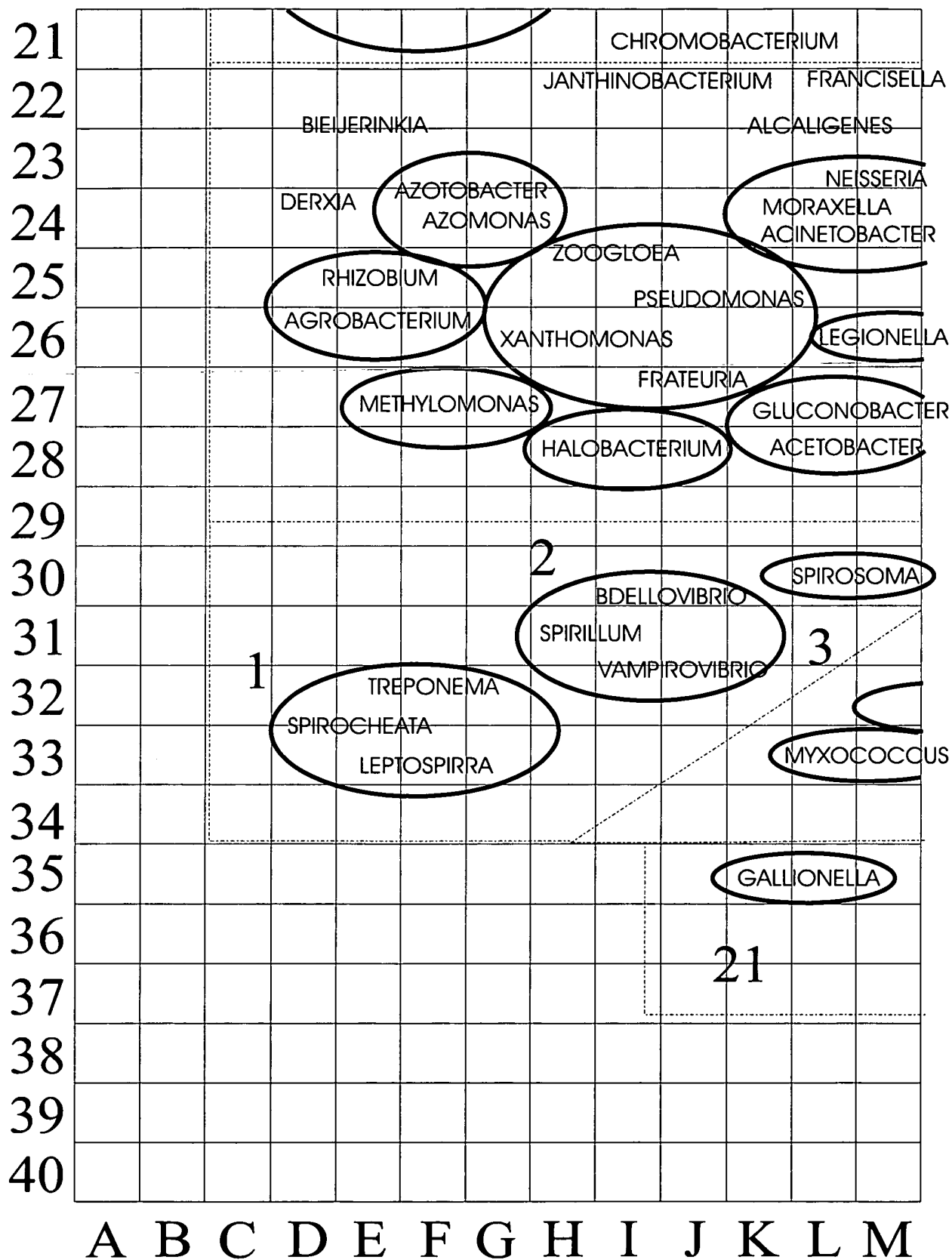
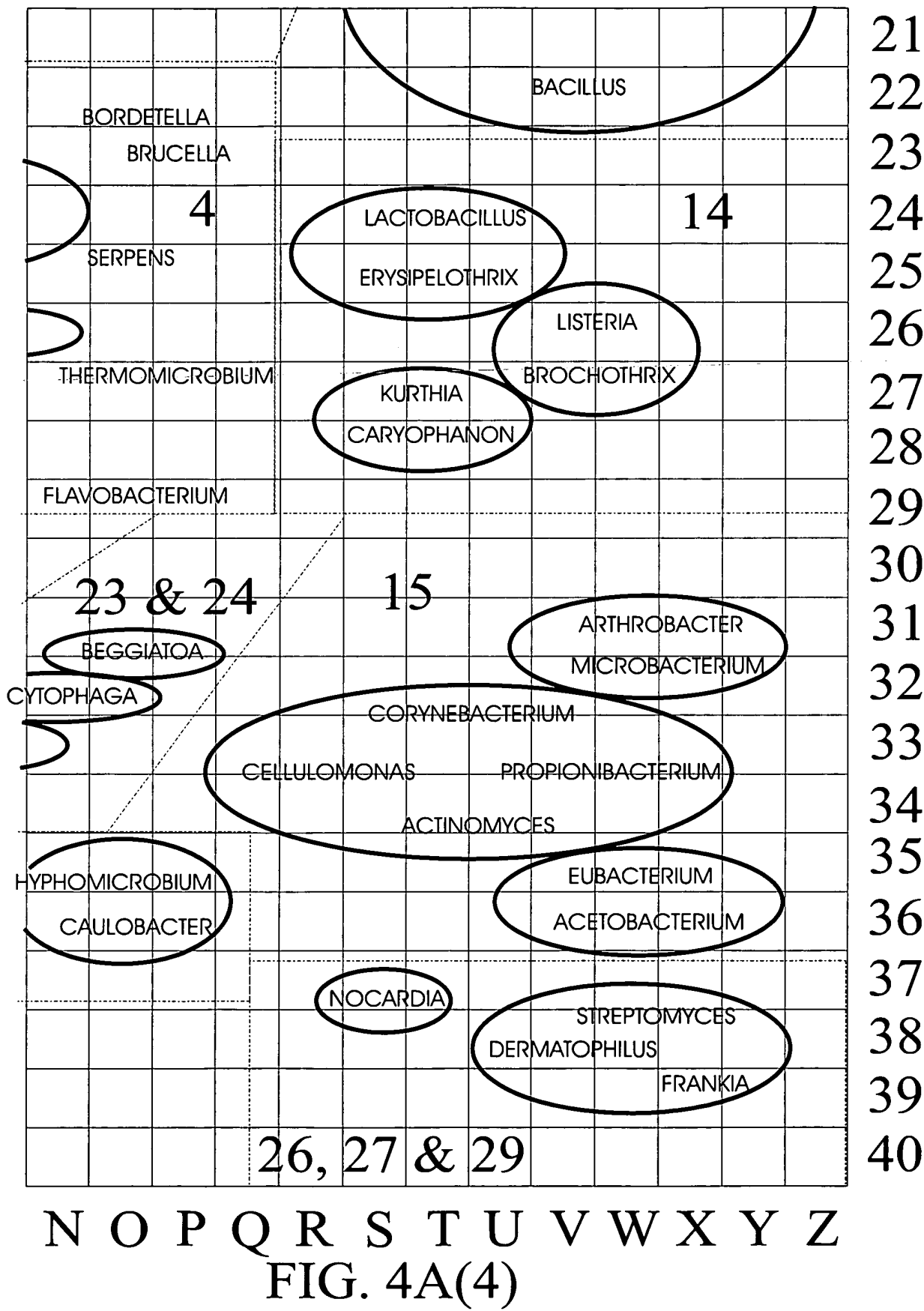


FIG. 4A(3)

REPLACEMENT SHEET



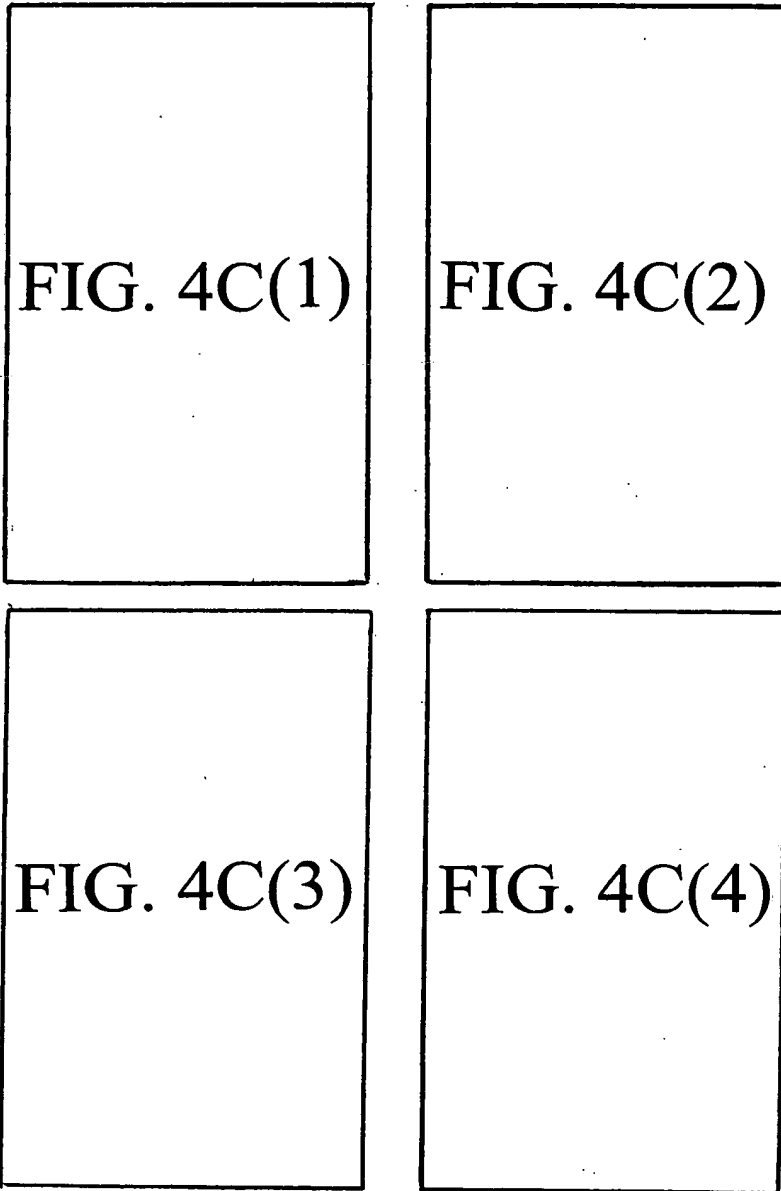


FIG. 4C

REPLACEMENT SHEET

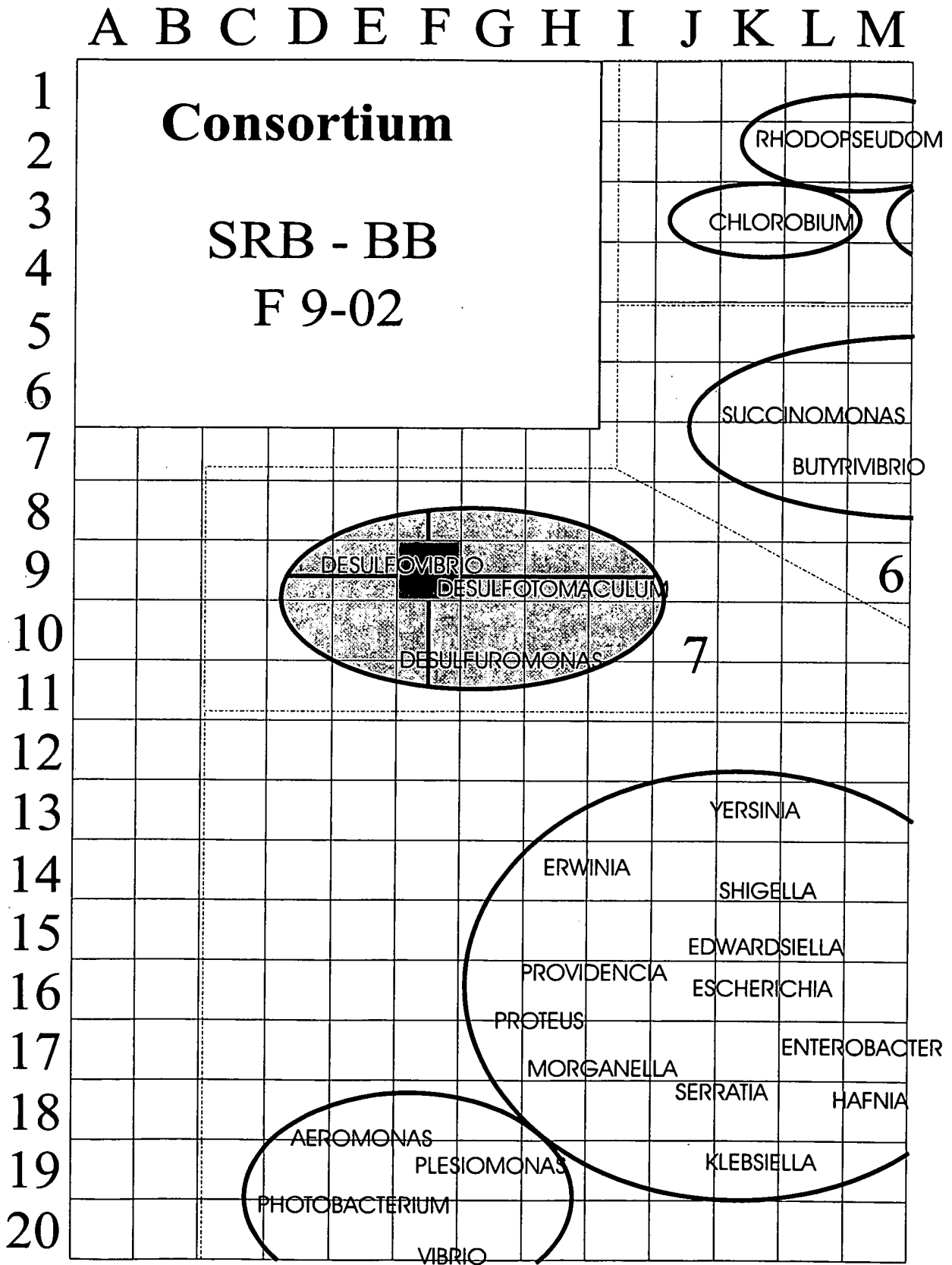


FIG. 4C(1)

REPLACEMENT SHEET

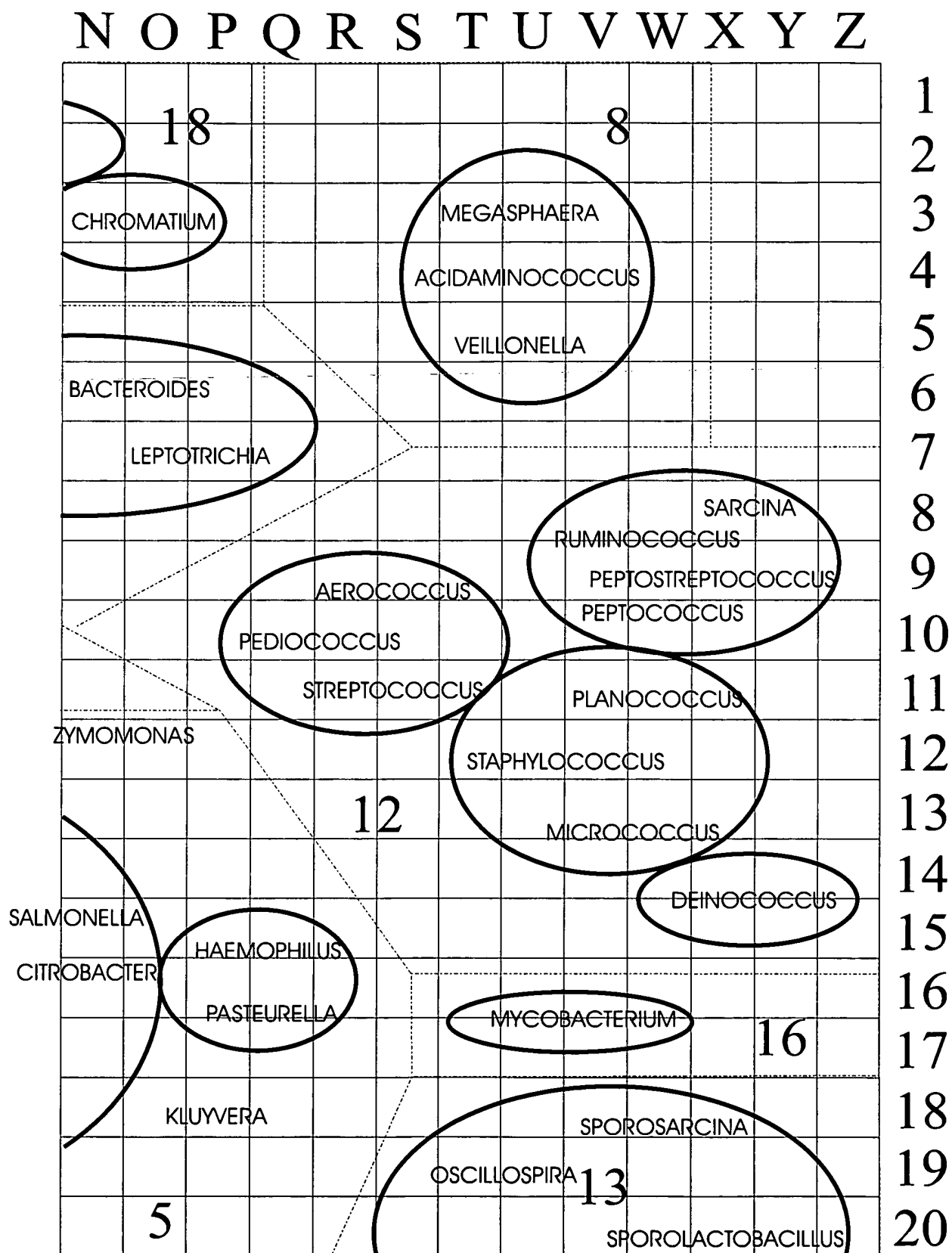


FIG. 4C(2)

REPLACEMENT SHEET

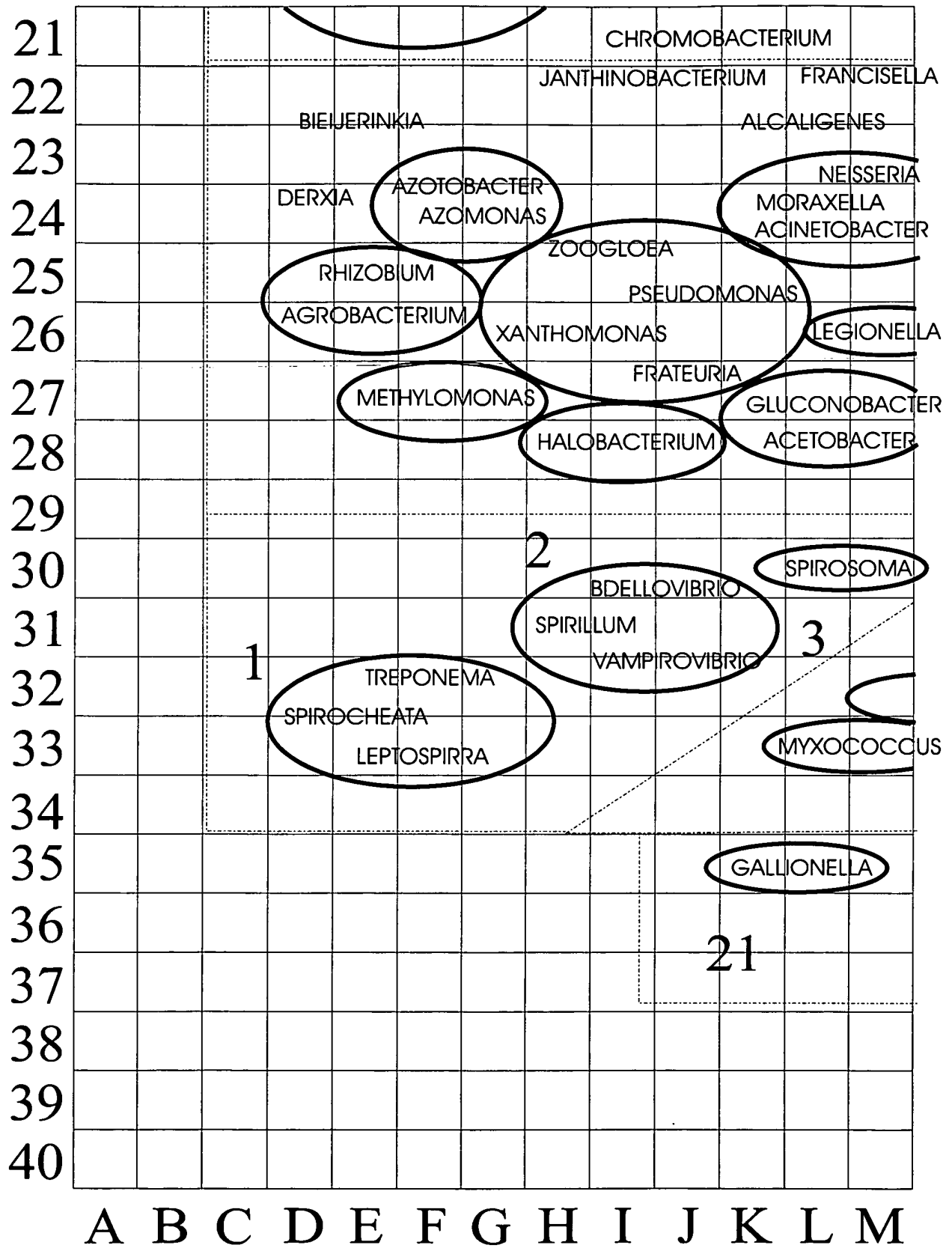


FIG. 4C(3)

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BACILLUS

BORDETELLA

BRUCELLA

4

14

LACTOBACILLUS

ERYSIPELOTHRIX

LISTERIA

BROCHOTHRIX

KURTHIA

CARYOPHANON

THERMOMICROBIUM

FLAVOBACTERIUM

23 & 24

15

BEGGIATOIA

CYTOPHAGA

CORYNEBACTERIUM

CELLULOMONAS

PROPIONIBACTERIUM

ACTINOMYCES

EUBACTERIUM

ACETOBACTERIUM

CAULOBACTER

NOCARDIA

STREPTOMYCES

DERMATOPHILUS

FRANKIA

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N O P Q R S T U V W X Y Z

FIG. 4C(4)

FIG. 4C(4)

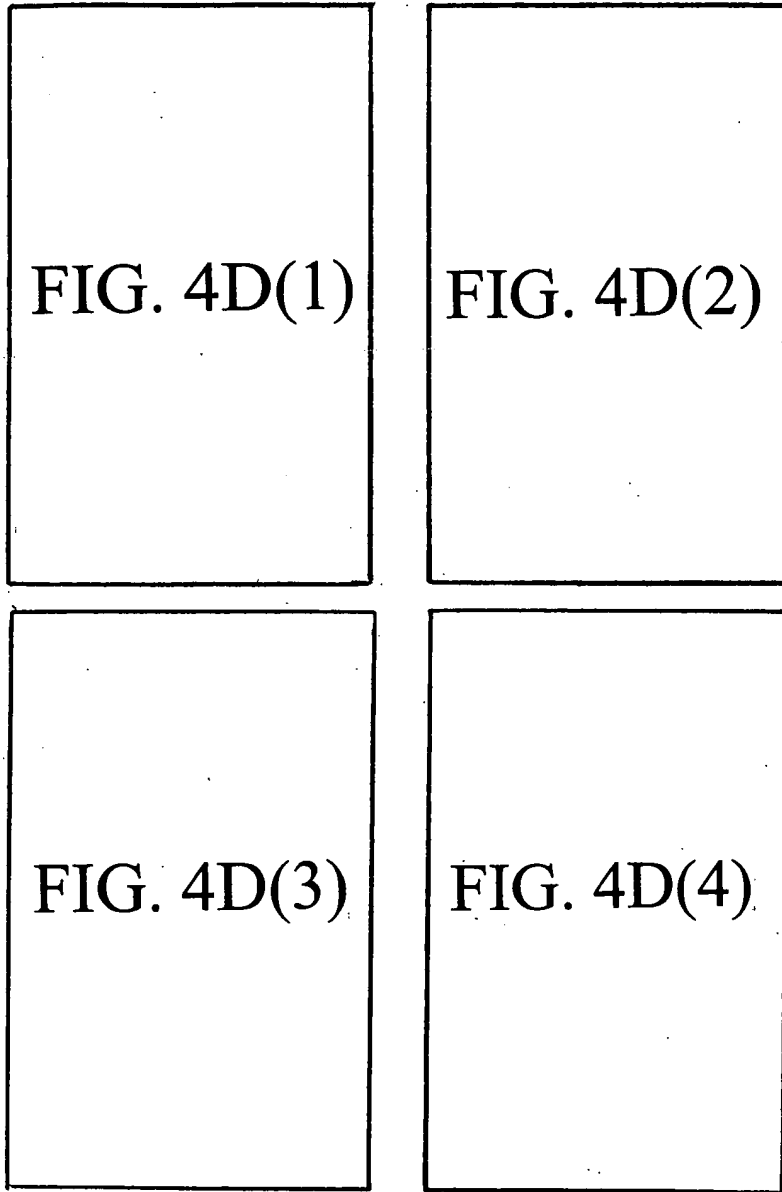


FIG. 4D

REPLACEMENT SHEET

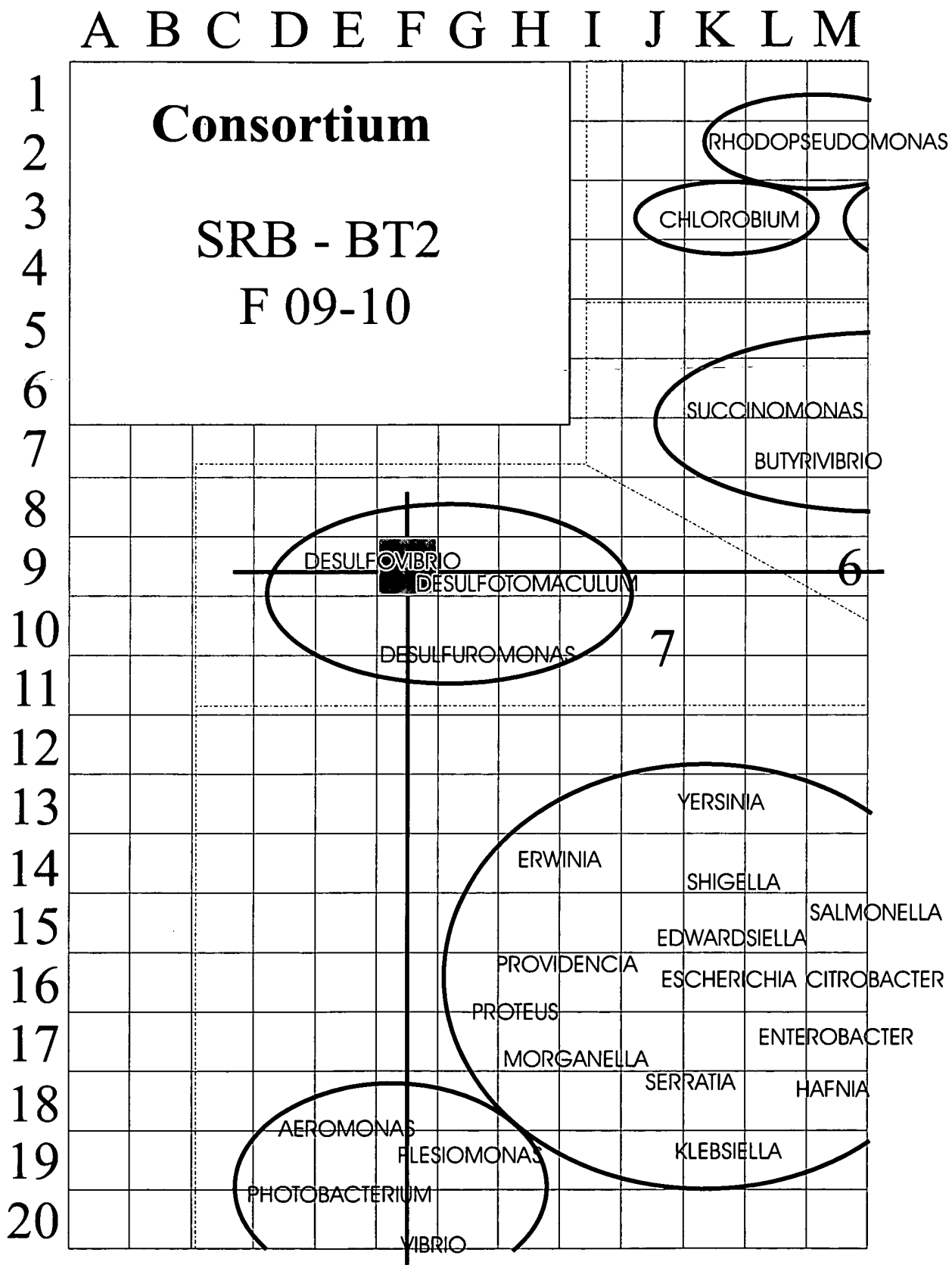
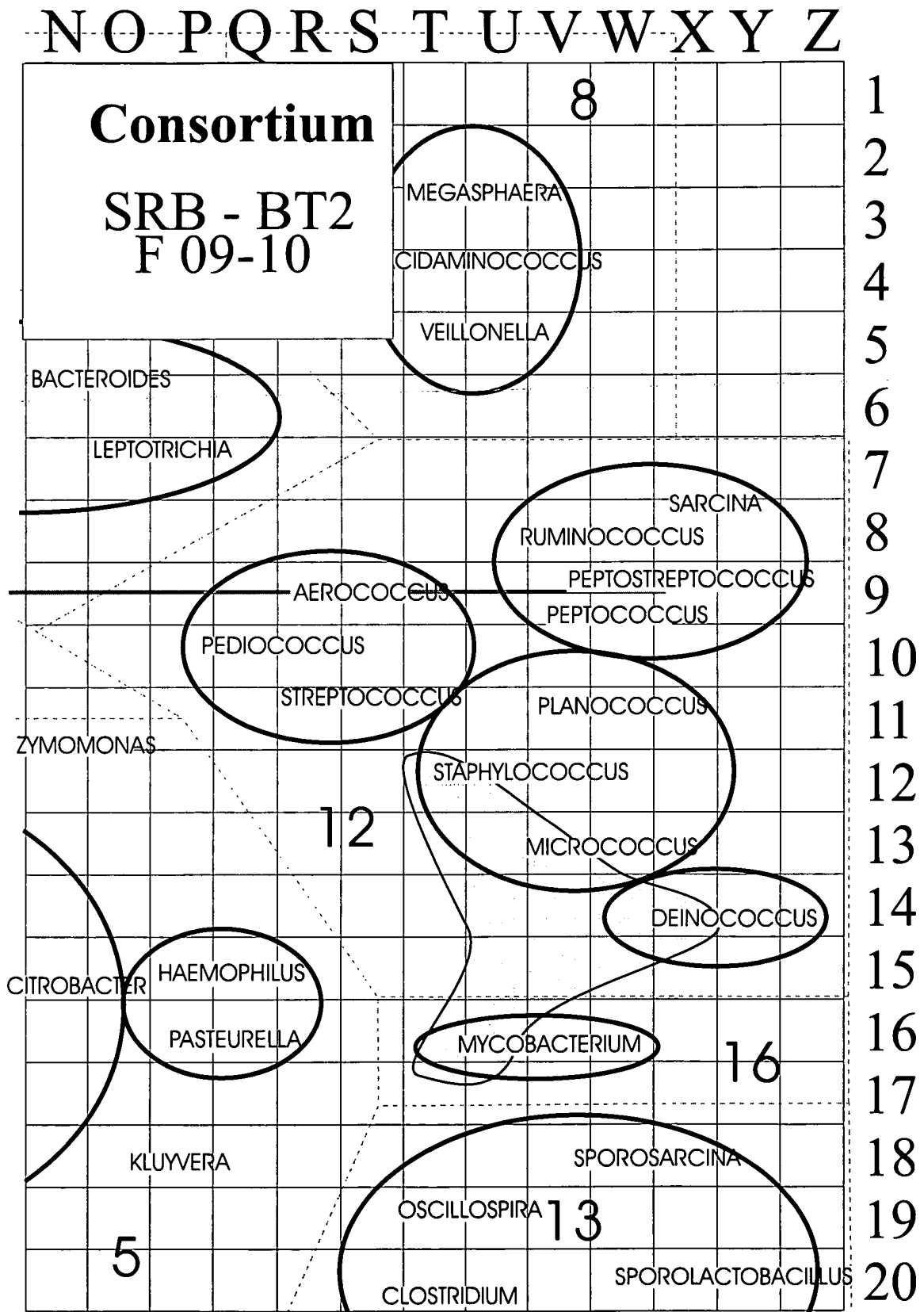


FIG. 4D(1)

REPLACEMENT SHEET



REPLACEMENT SHEET

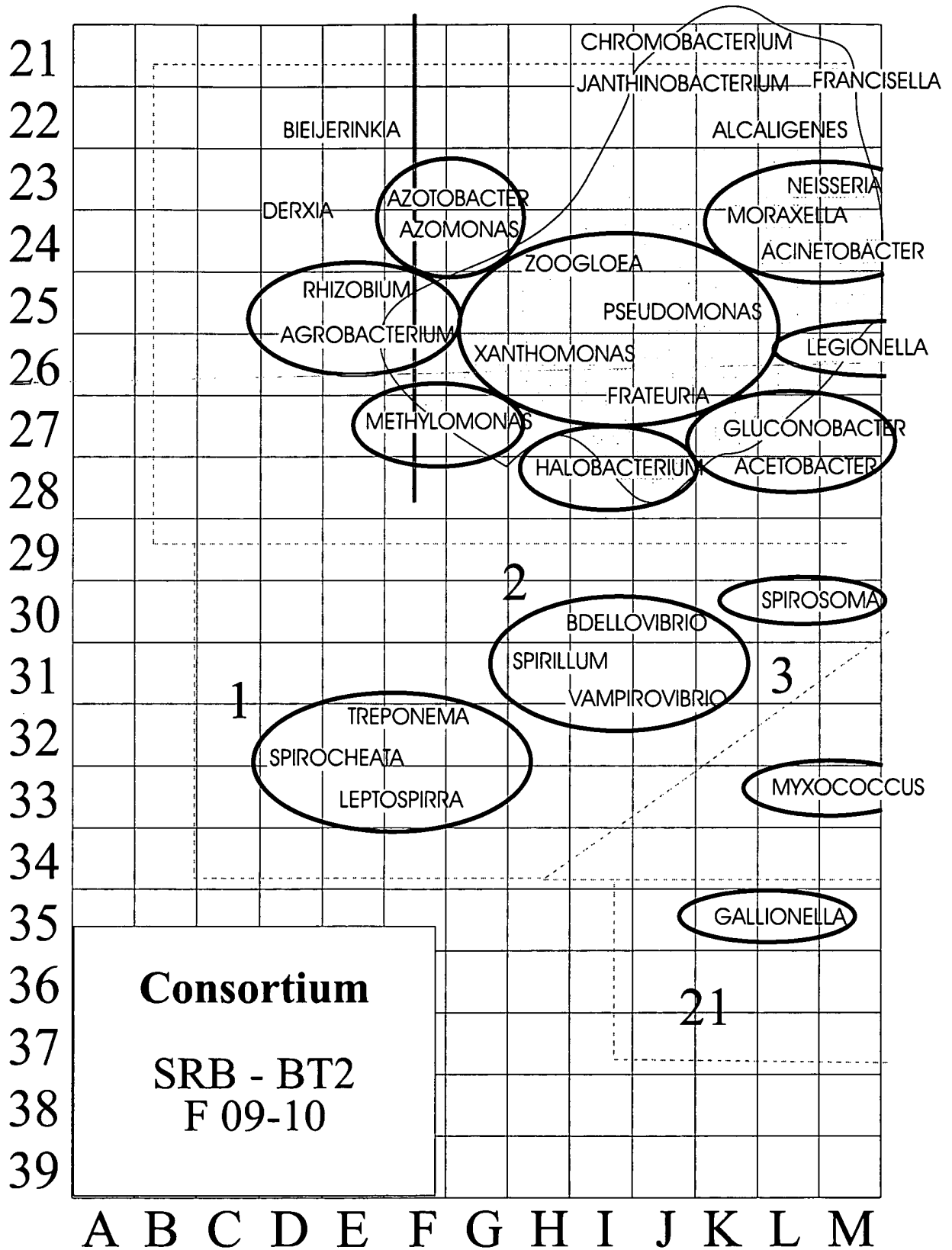
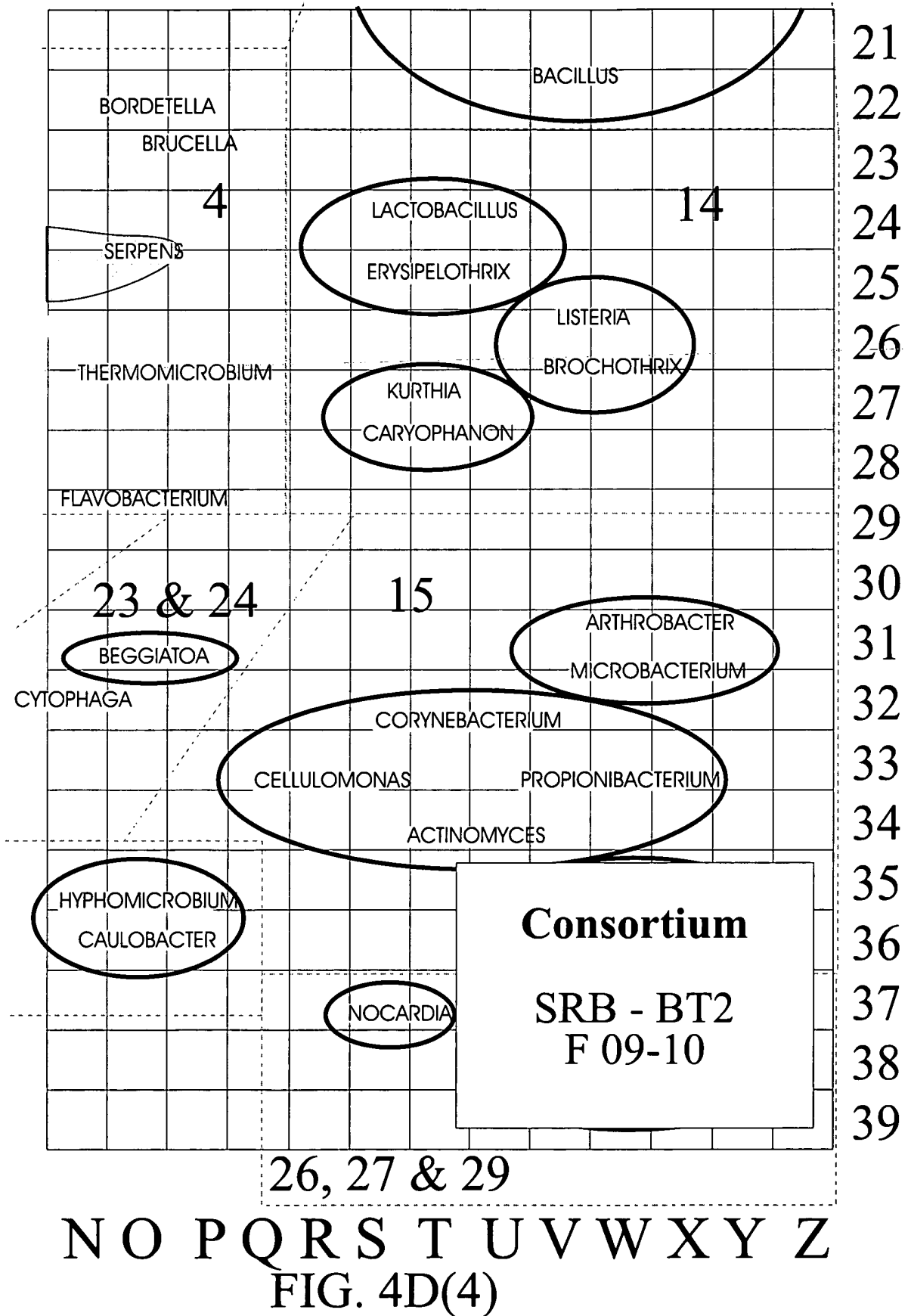


FIG. 4D(3)

REPLACEMENT SHEET



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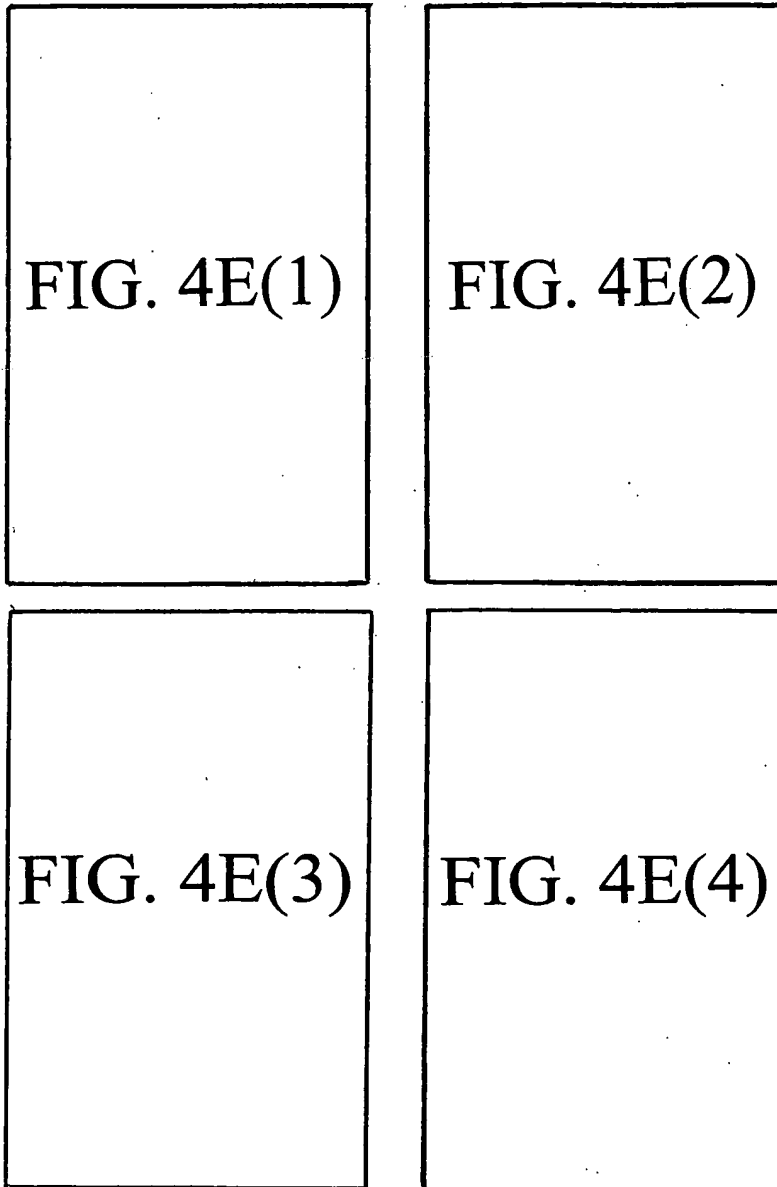


FIG. 4E

REPLACEMENT SHEET

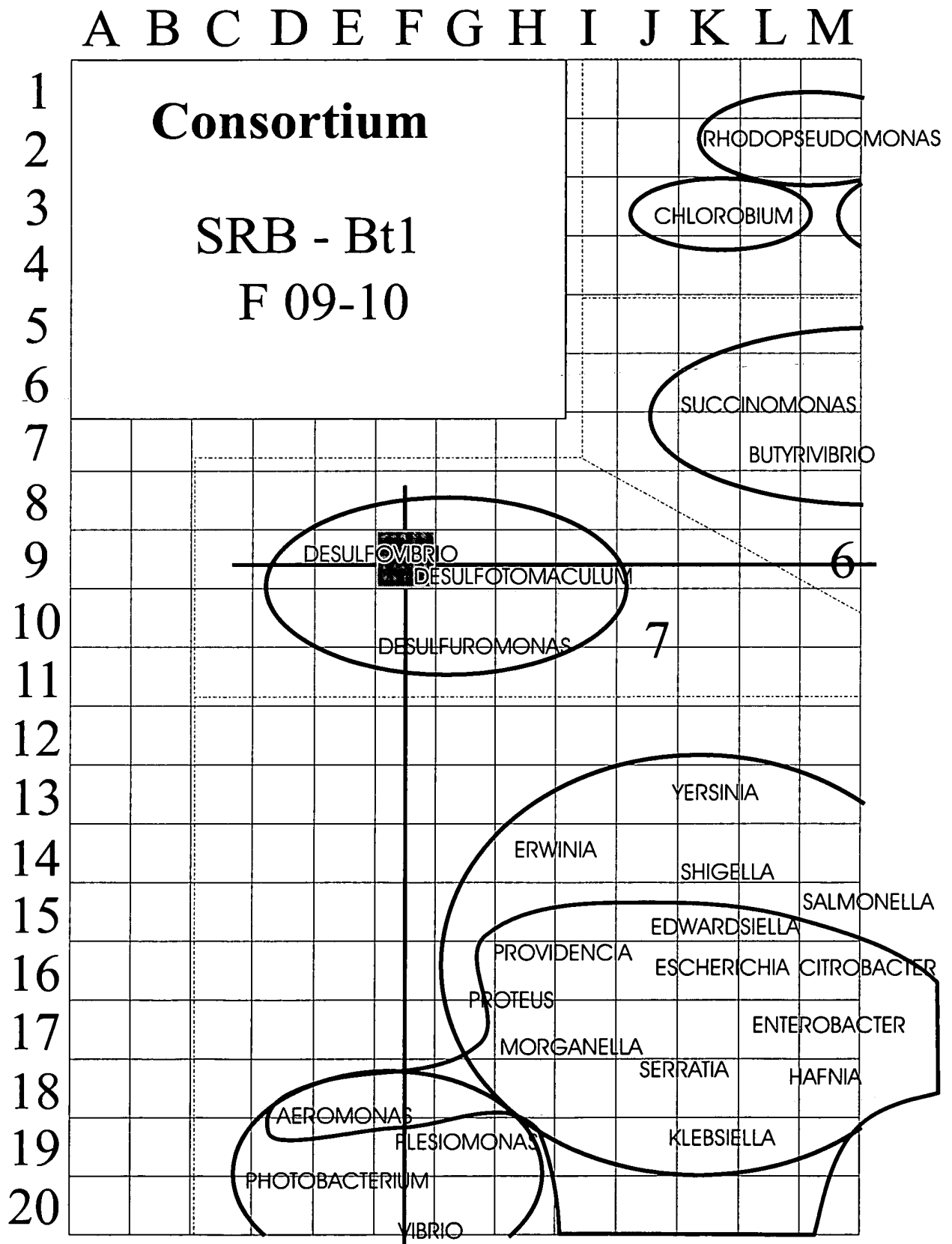


FIG. 4E(1)

REPLACEMENT SHEET

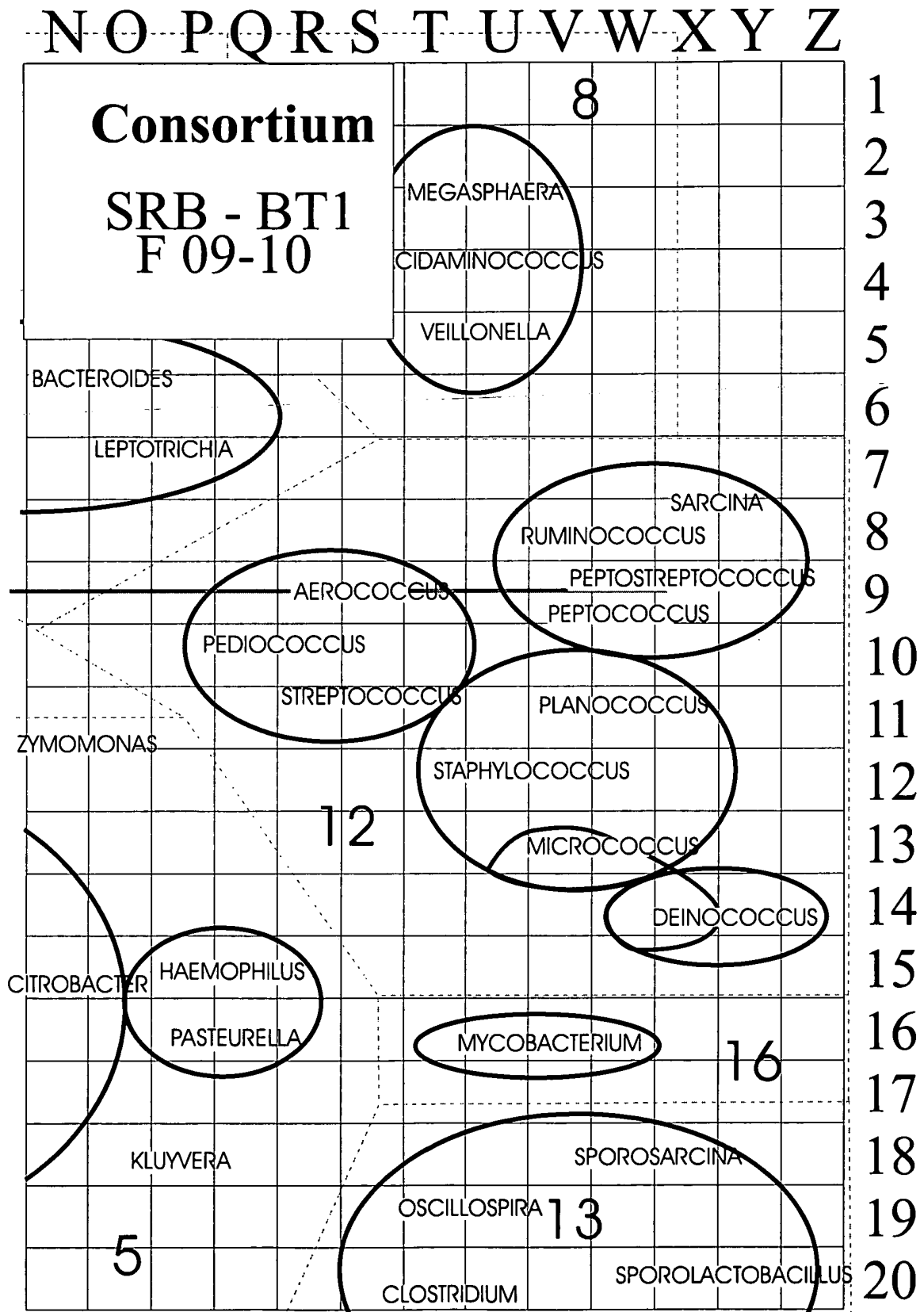


FIG. 4E(2)

REPLACEMENT SHEET

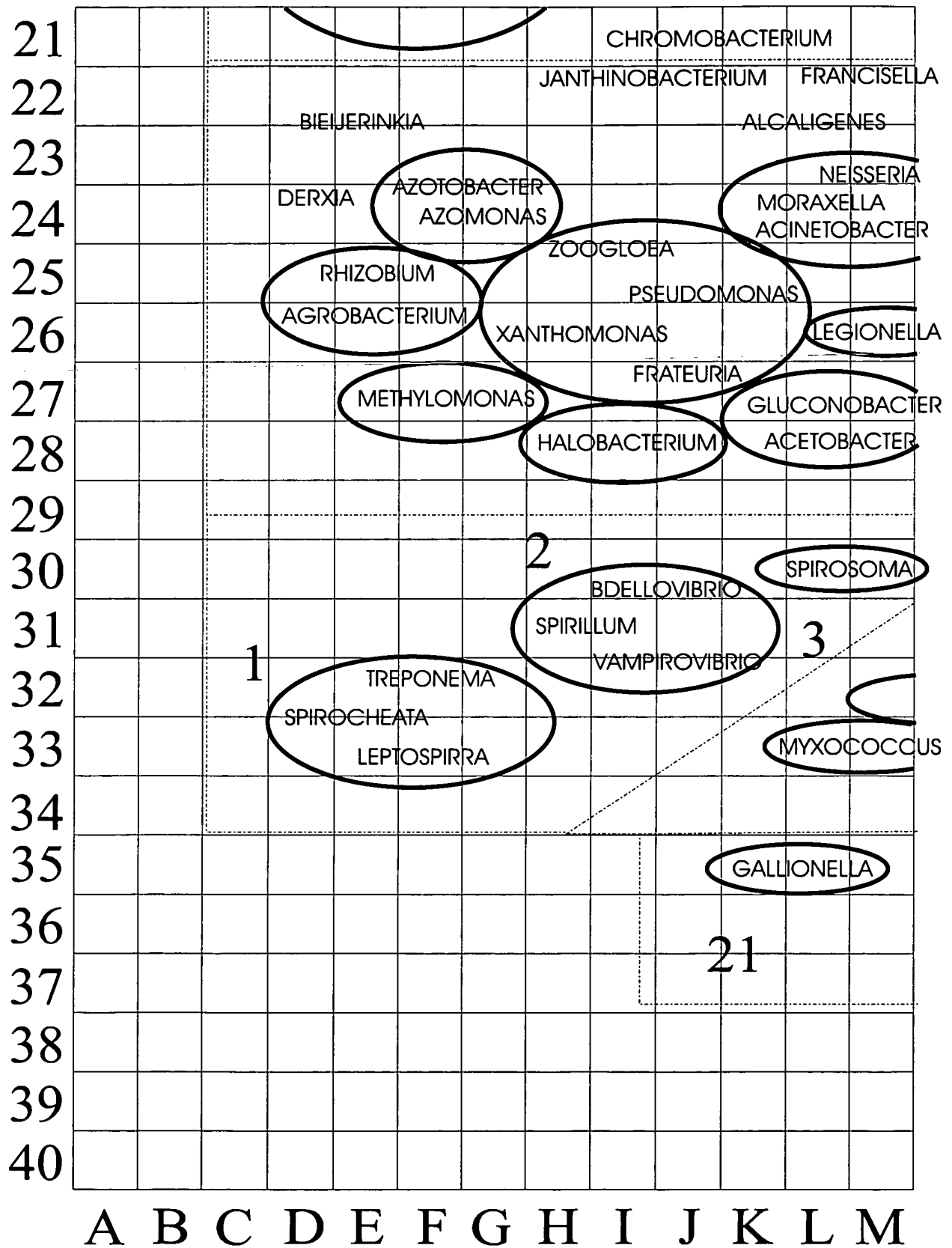
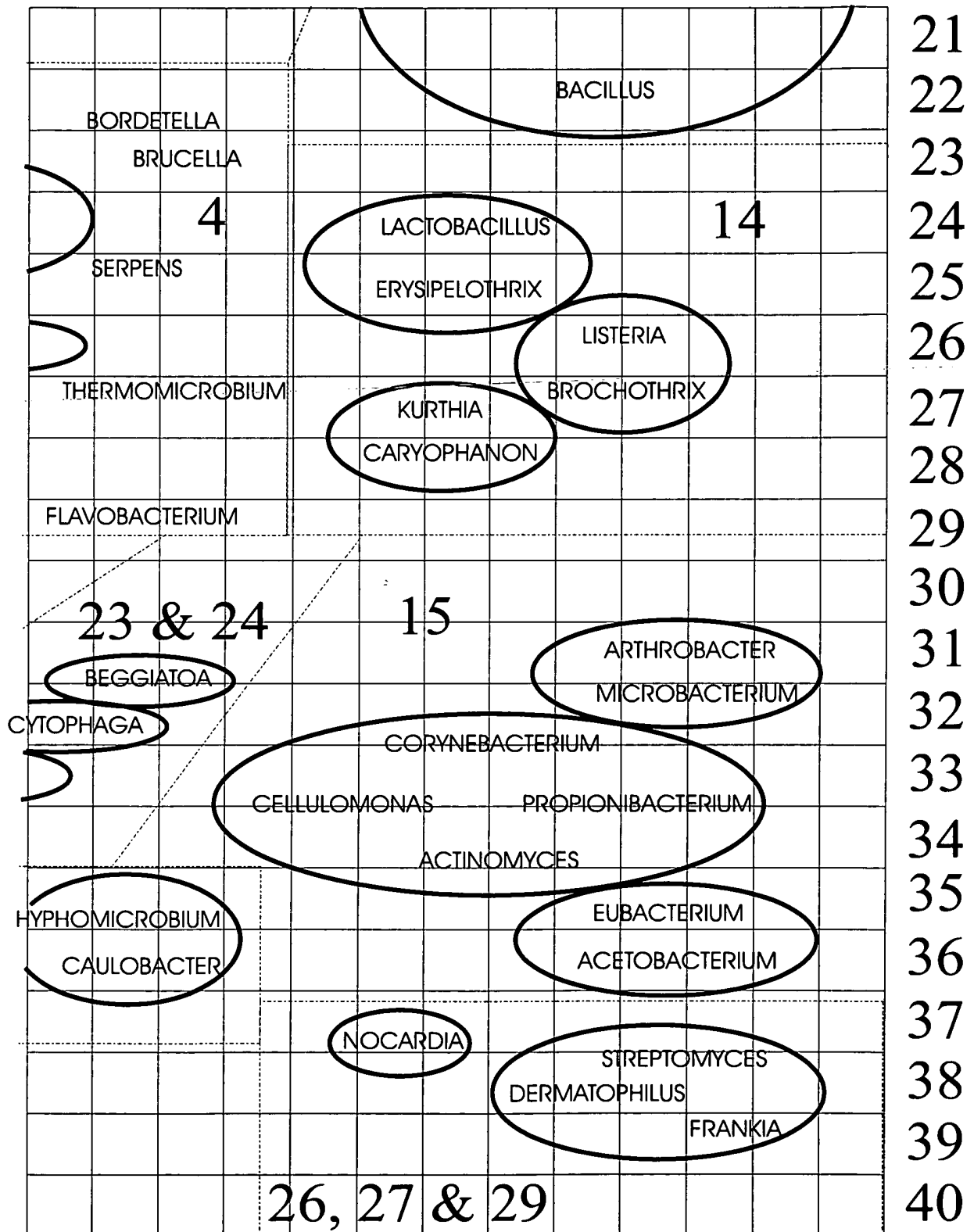


FIG. 4E(3)

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FIG. 4E(4)

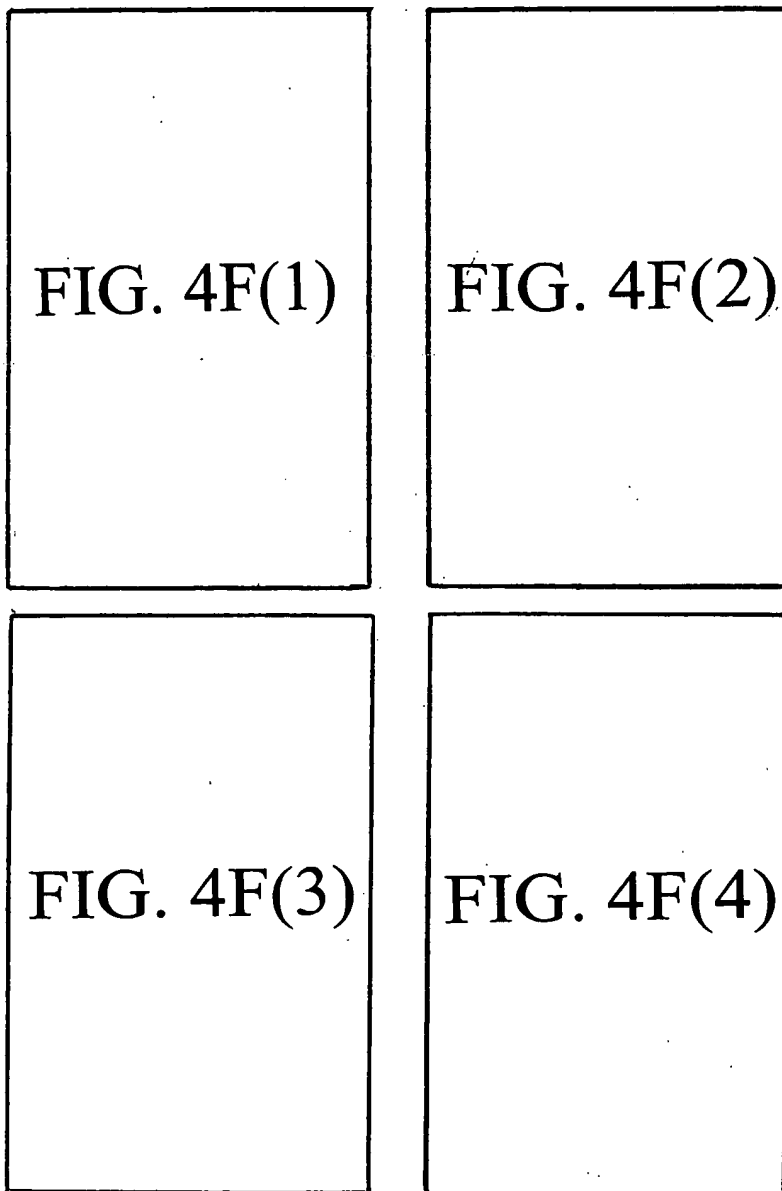


FIG. 4F

REPLACEMENT SHEET

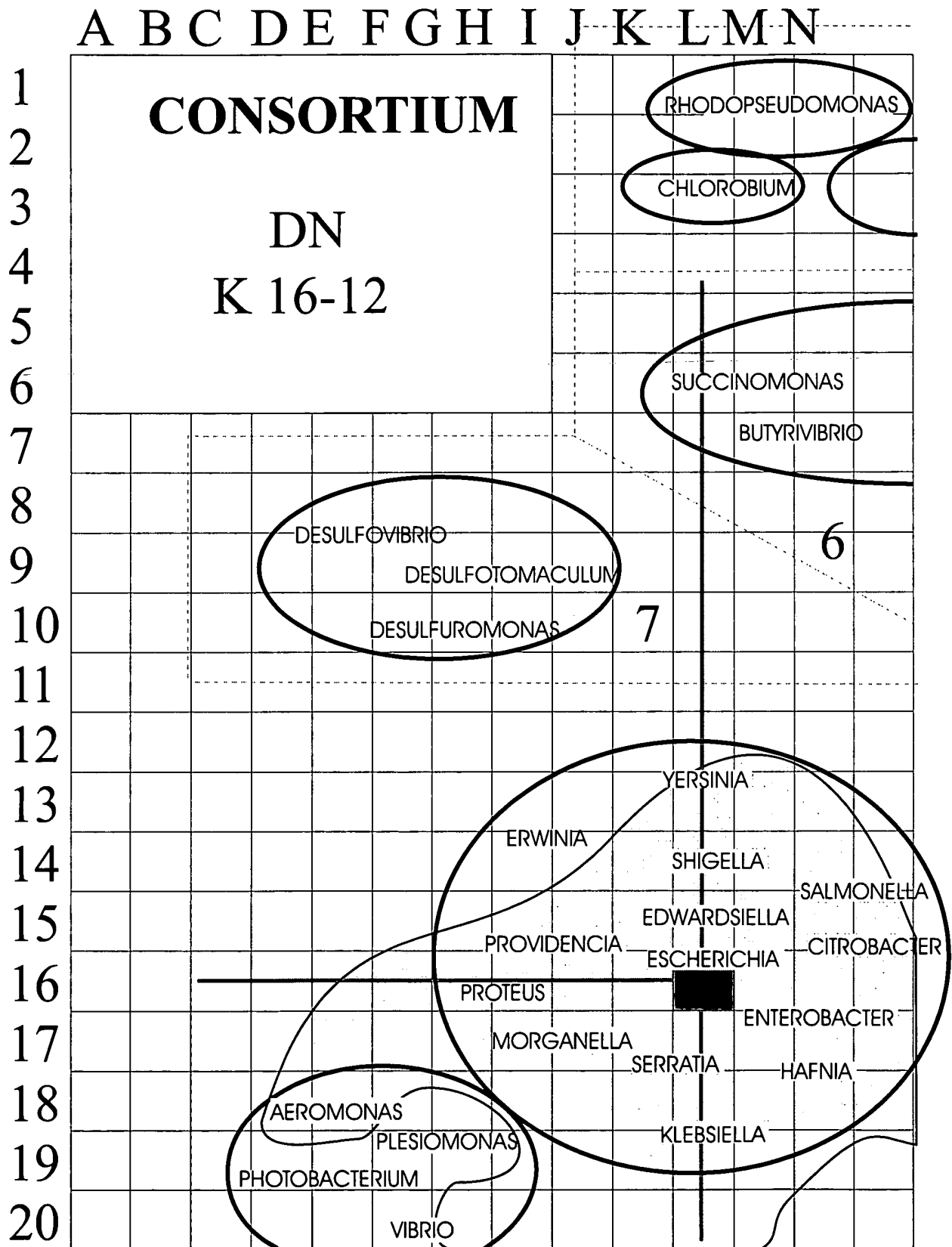


FIG. 4F(1)

REPLACEMENT SHEET

N O P Q R S T U V W X Y Z

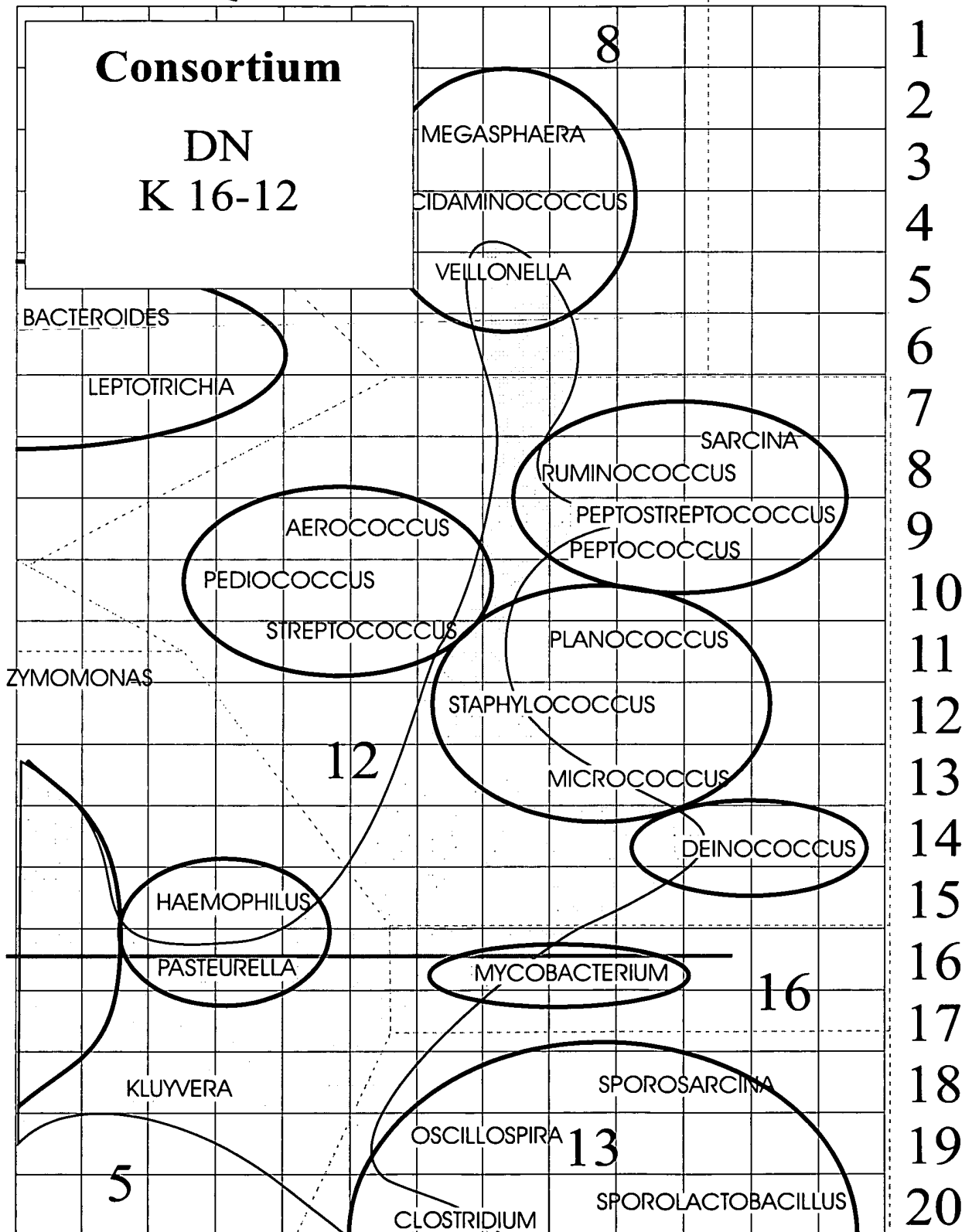
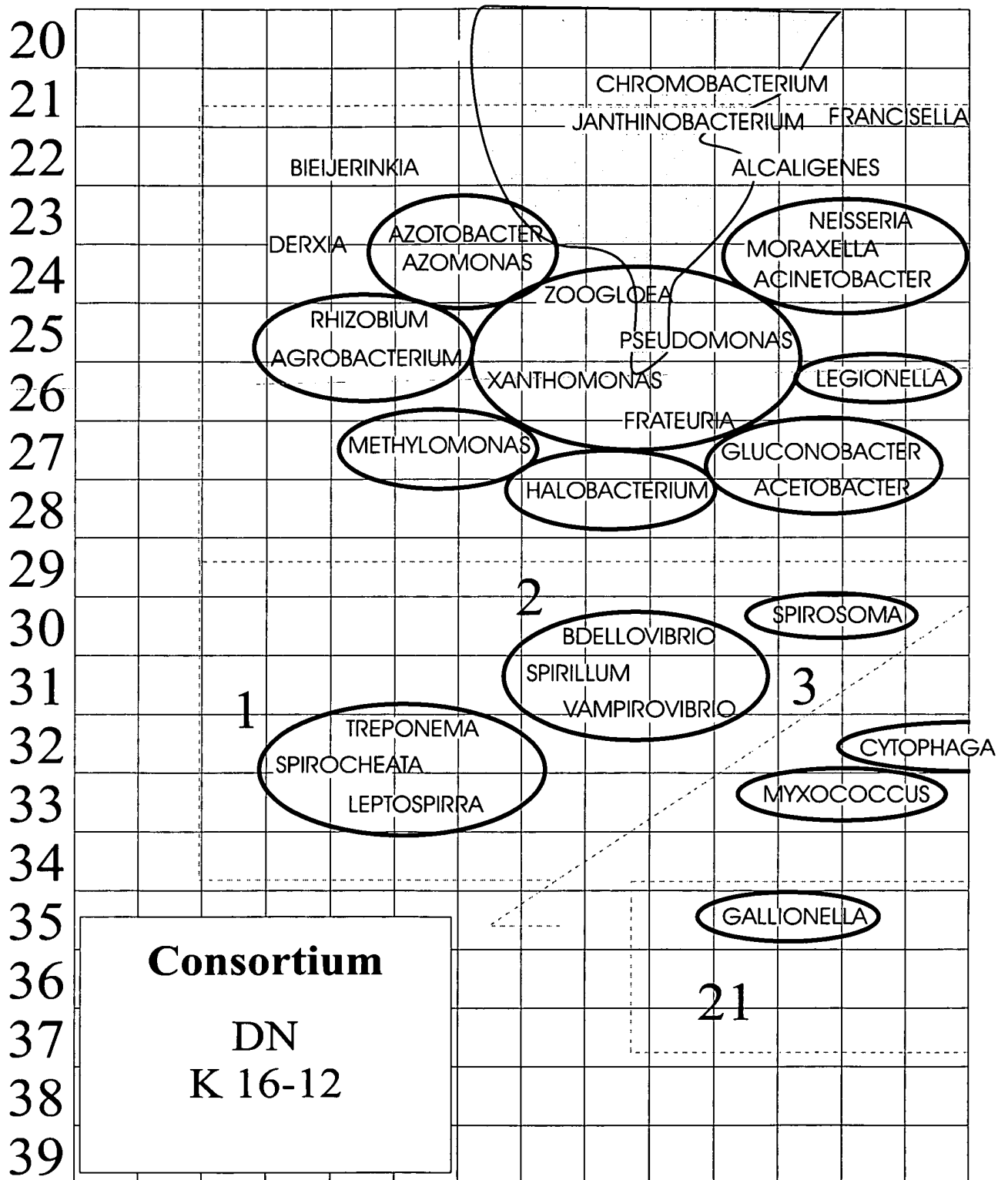


FIG. 4F(2)

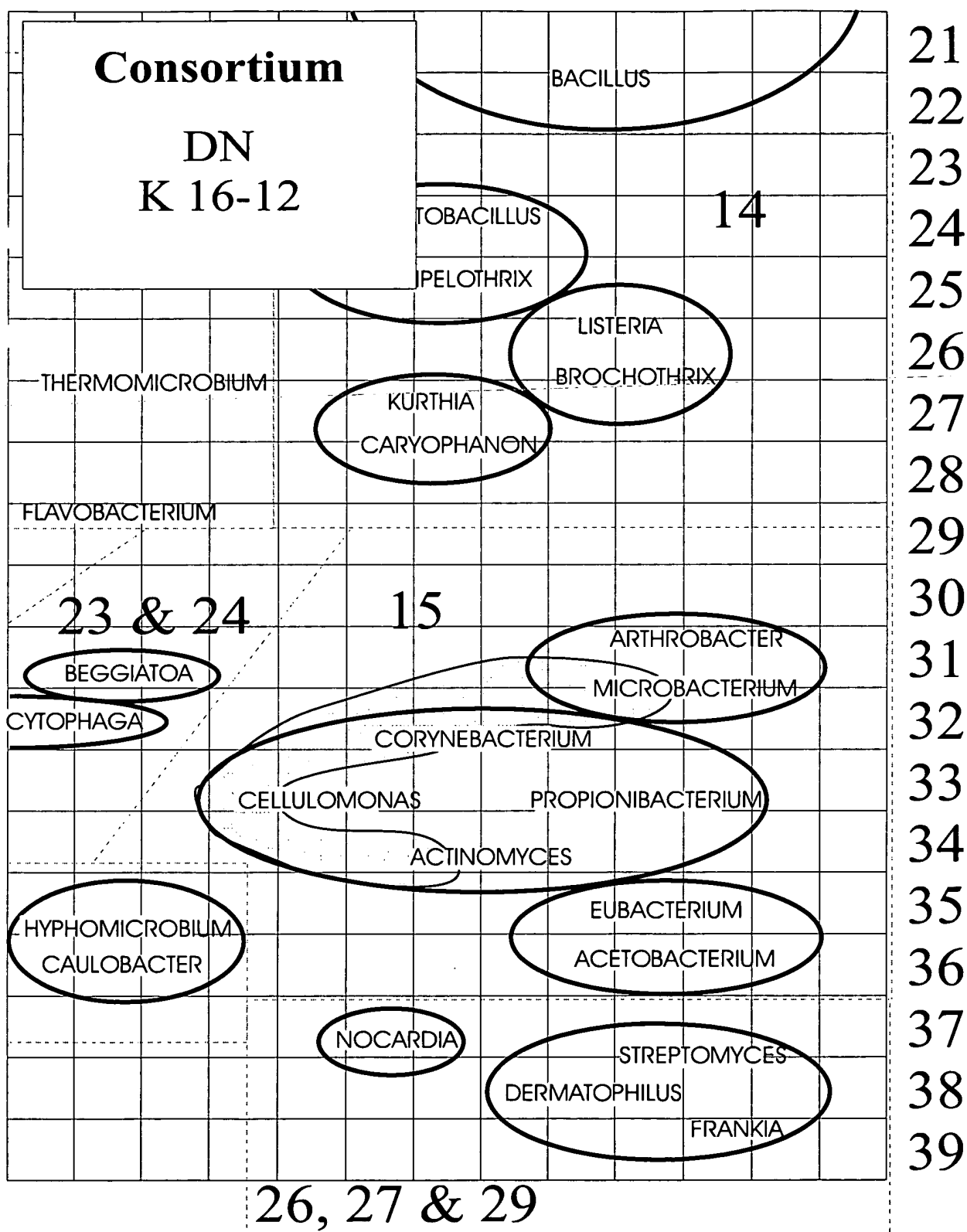
REPLACEMENT SHEET



A B C D E F G H I J K L M N

FIG. 4F(3)

REPLACEMENT SHEET



N O P Q R S T U V W X Y Z
FIG. 4F(4)

NEW

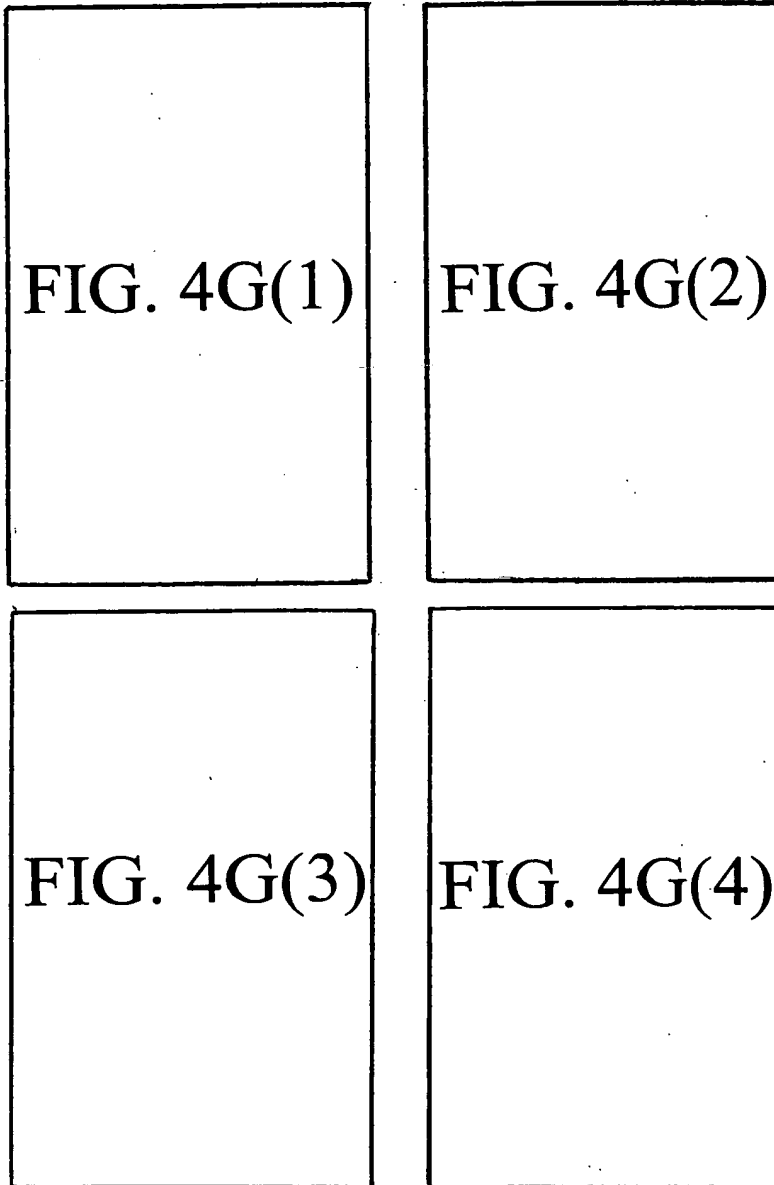


FIG. 4G

REPLACEMENT SHEET

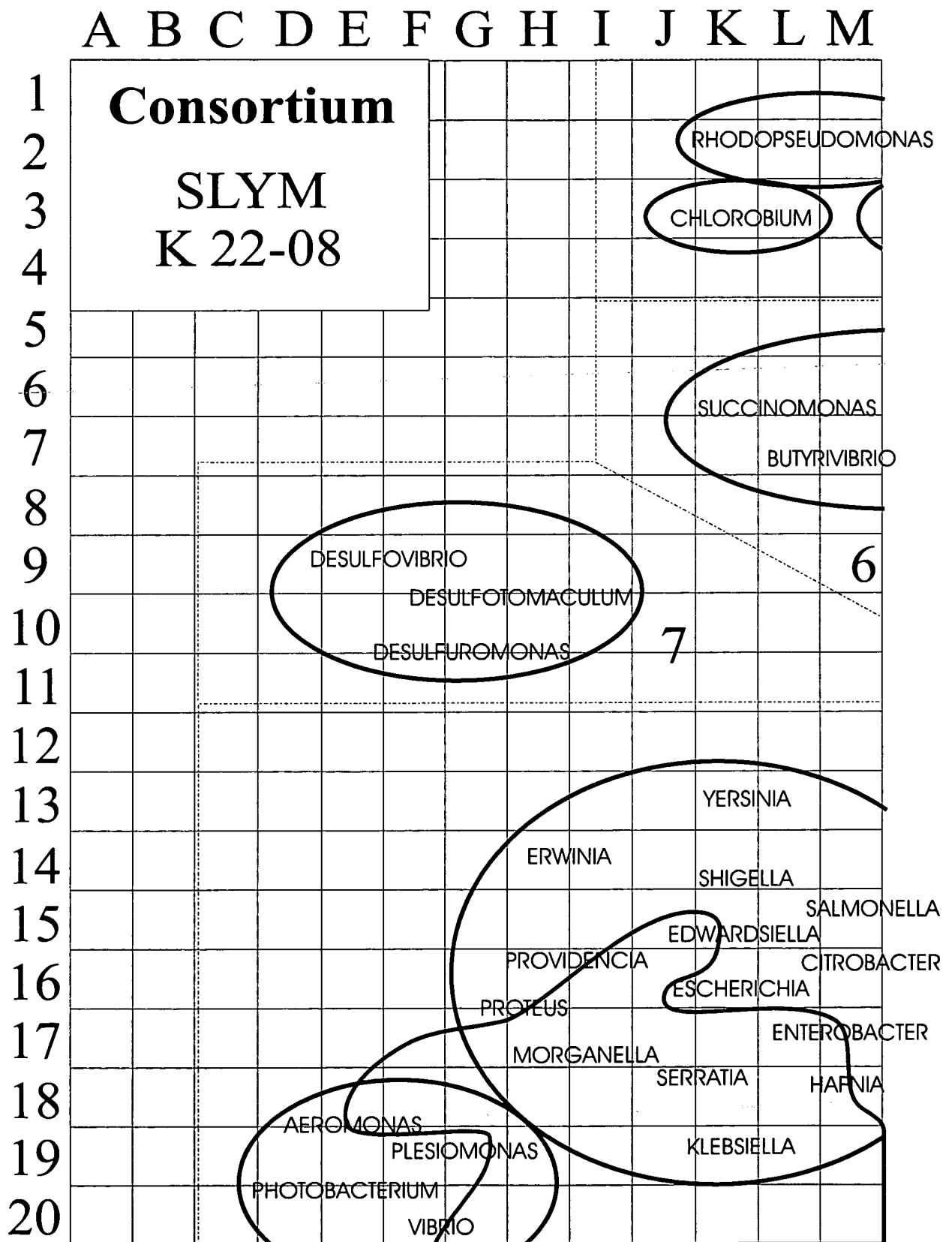


FIG. 4G(1)

REPLACEMENT SHEET

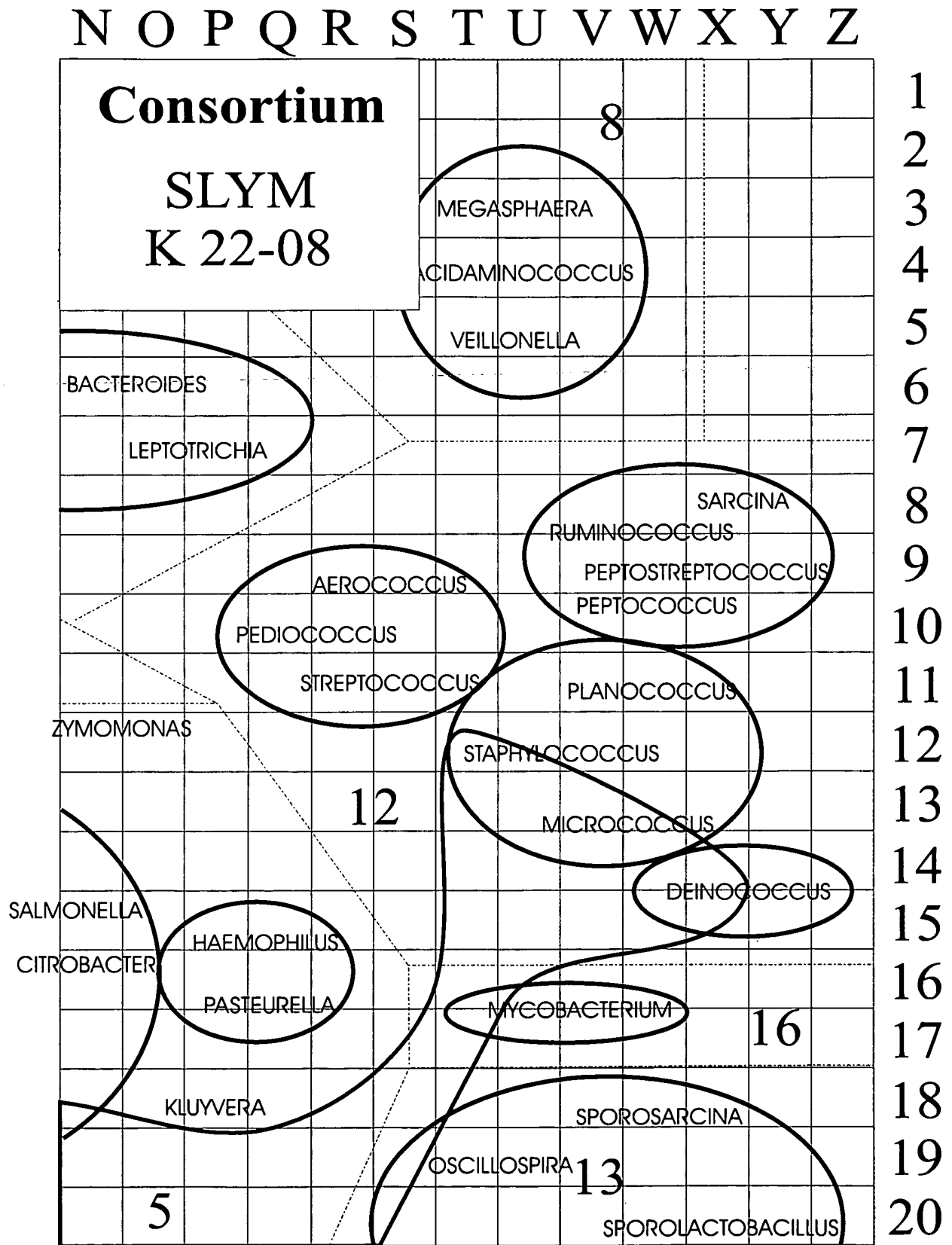
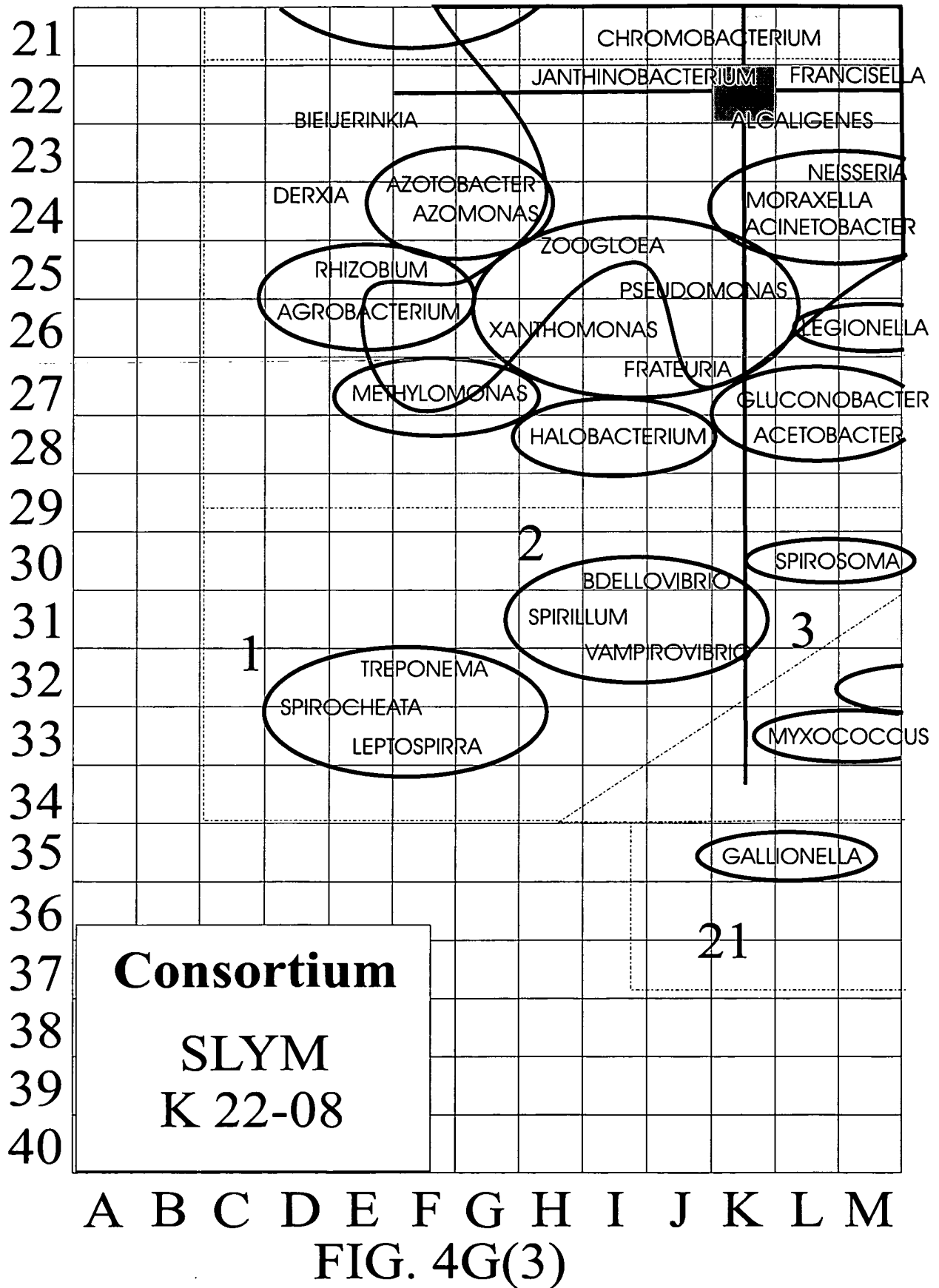
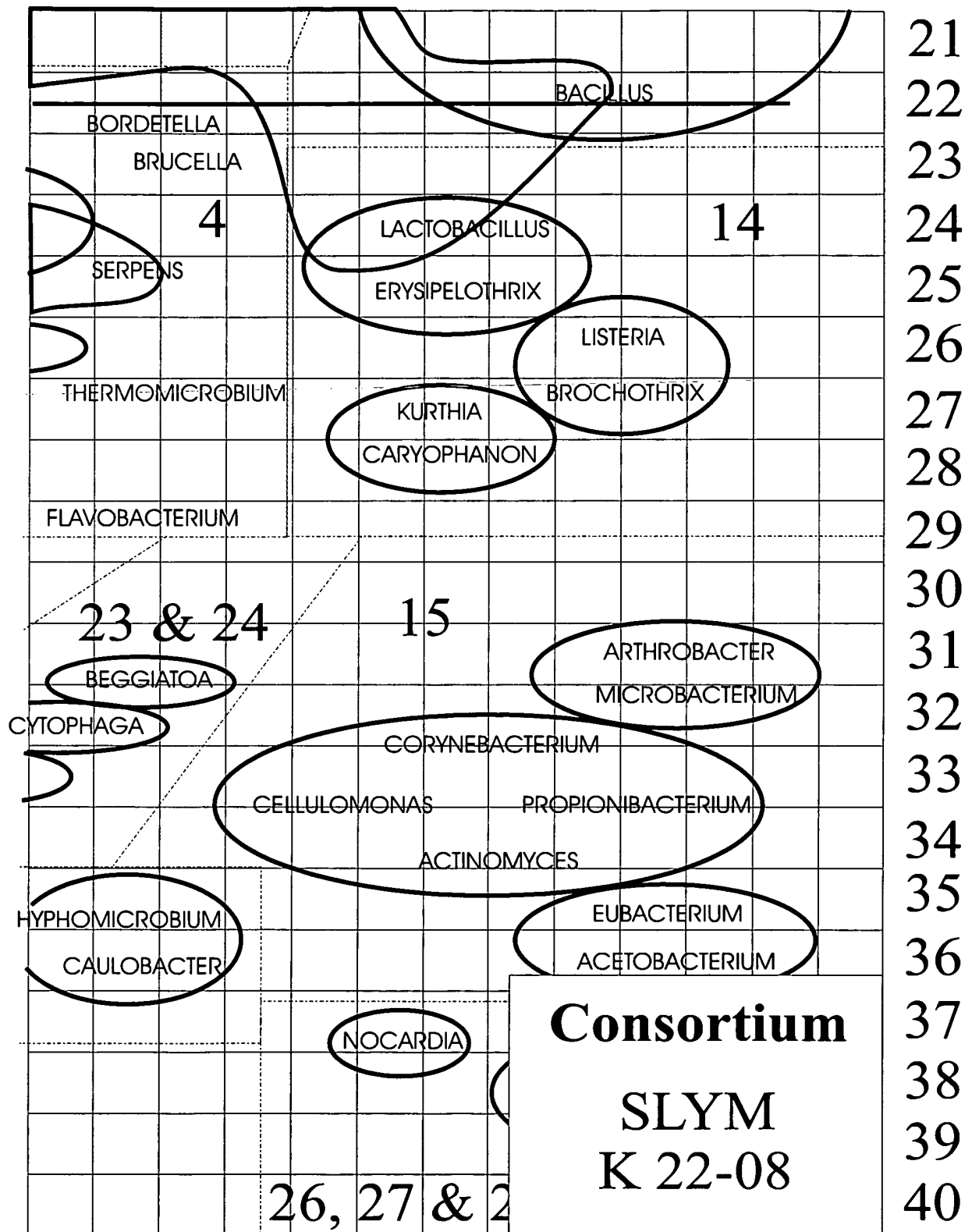


FIG. 4G(2)

REPLACEMENT SHEET



REPLACEMENT SHEET



N O P Q R S T U V W X Y Z
FIG. 4G(4)

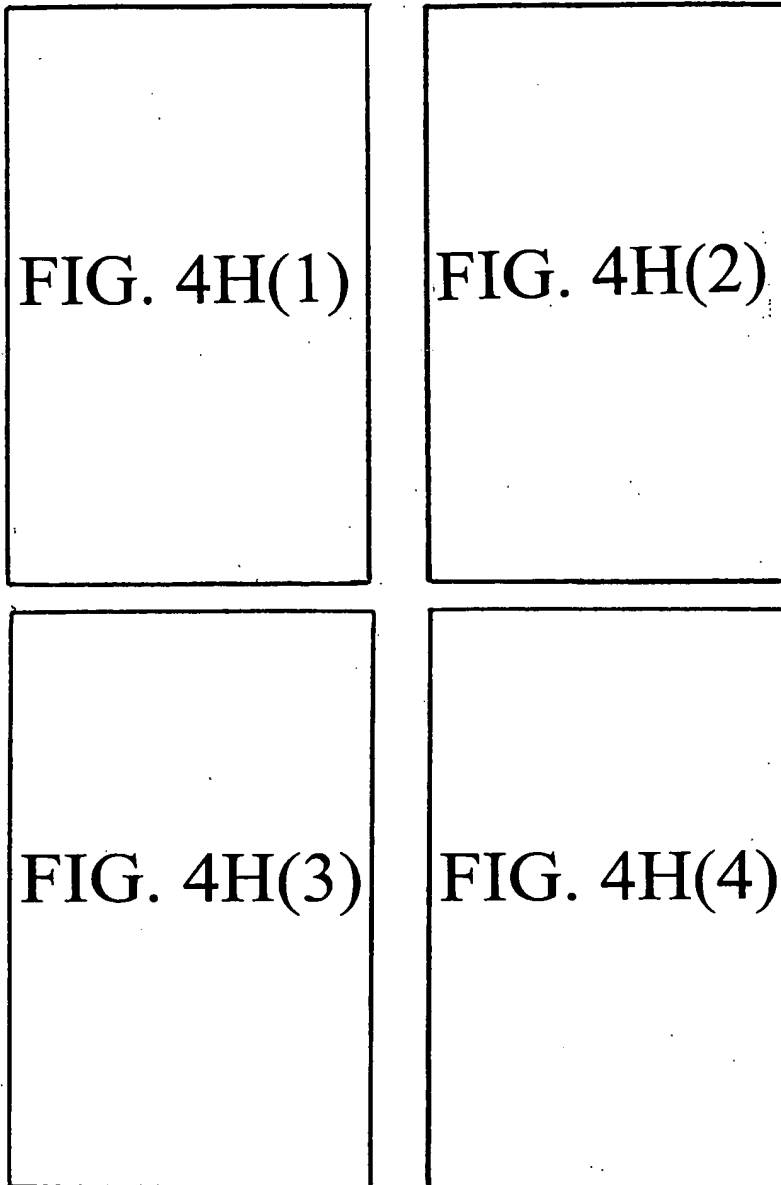


FIG. 4H

REPLACEMENT SHEET

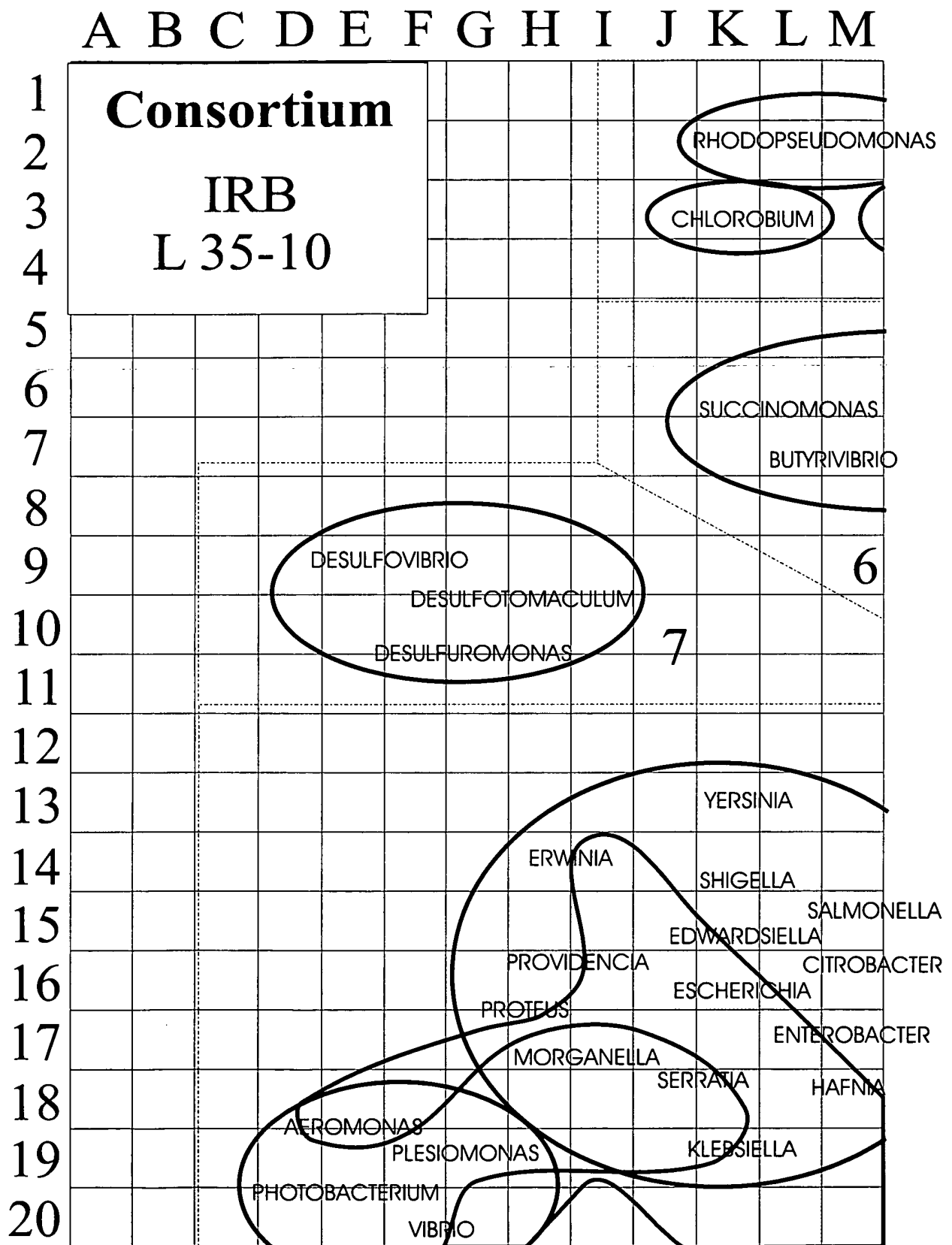


FIG. 4H(1)

REPLACEMENT SHEET

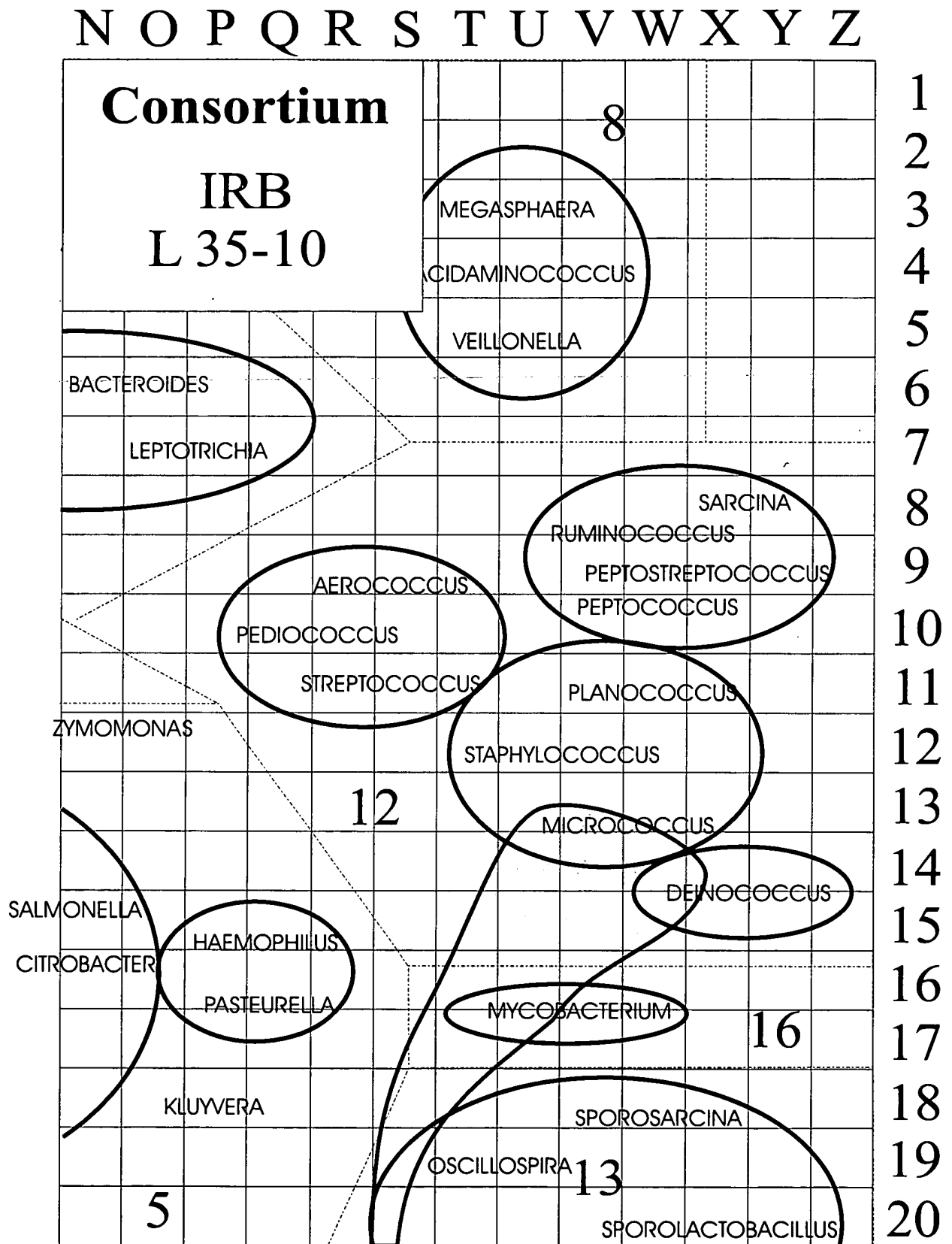


FIG. 4H(2)

REPLACEMENT SHEET

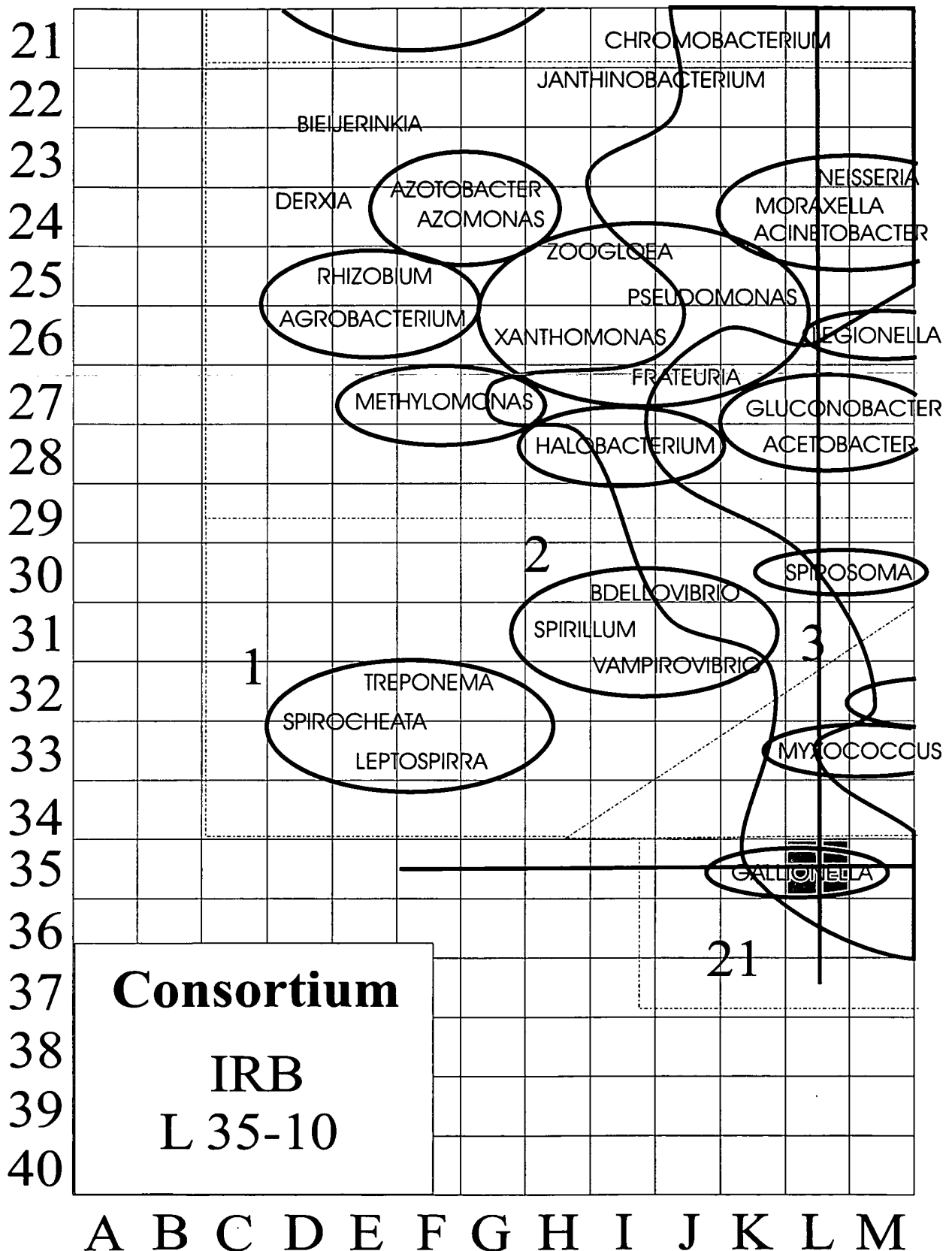
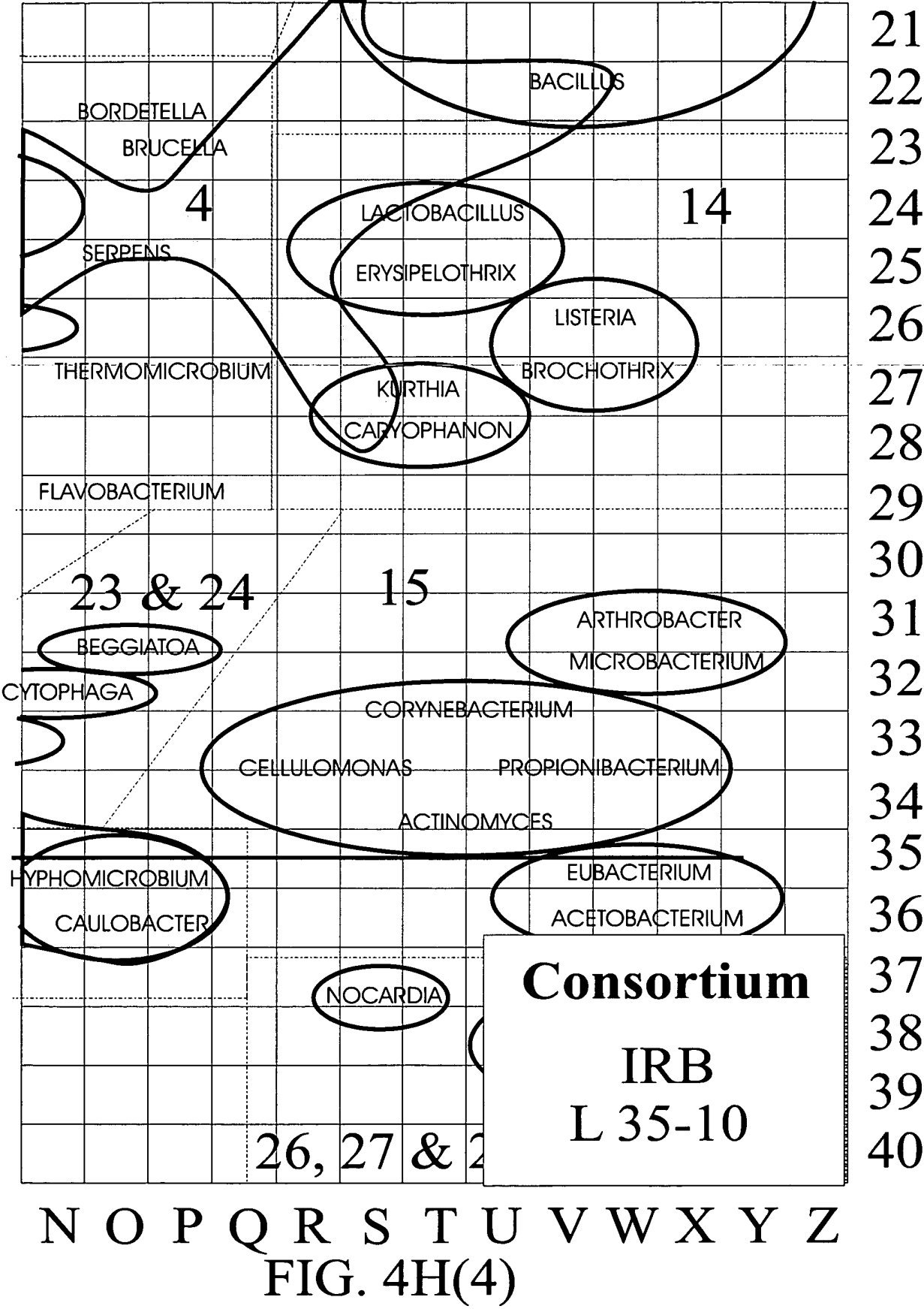


FIG. 4H(3)

REPLACEMENT SHEET



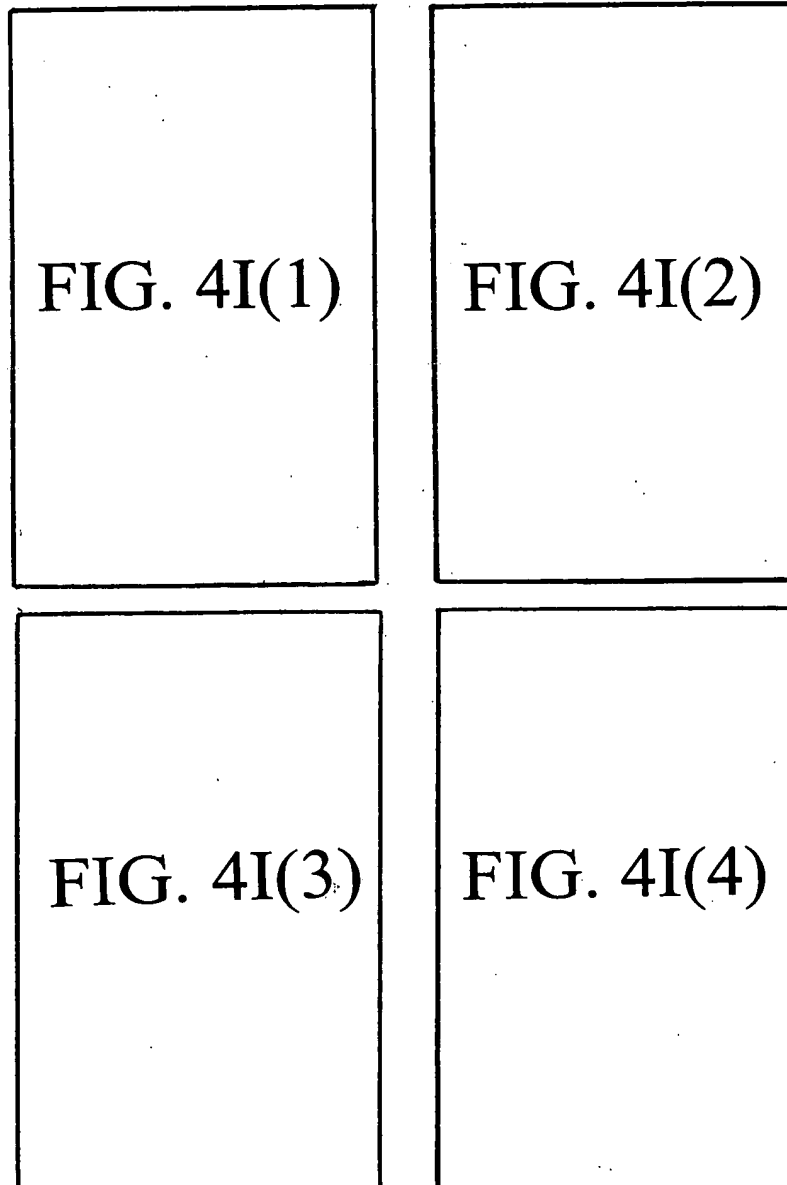


FIG. 4I

REPLACEMENT SHEET

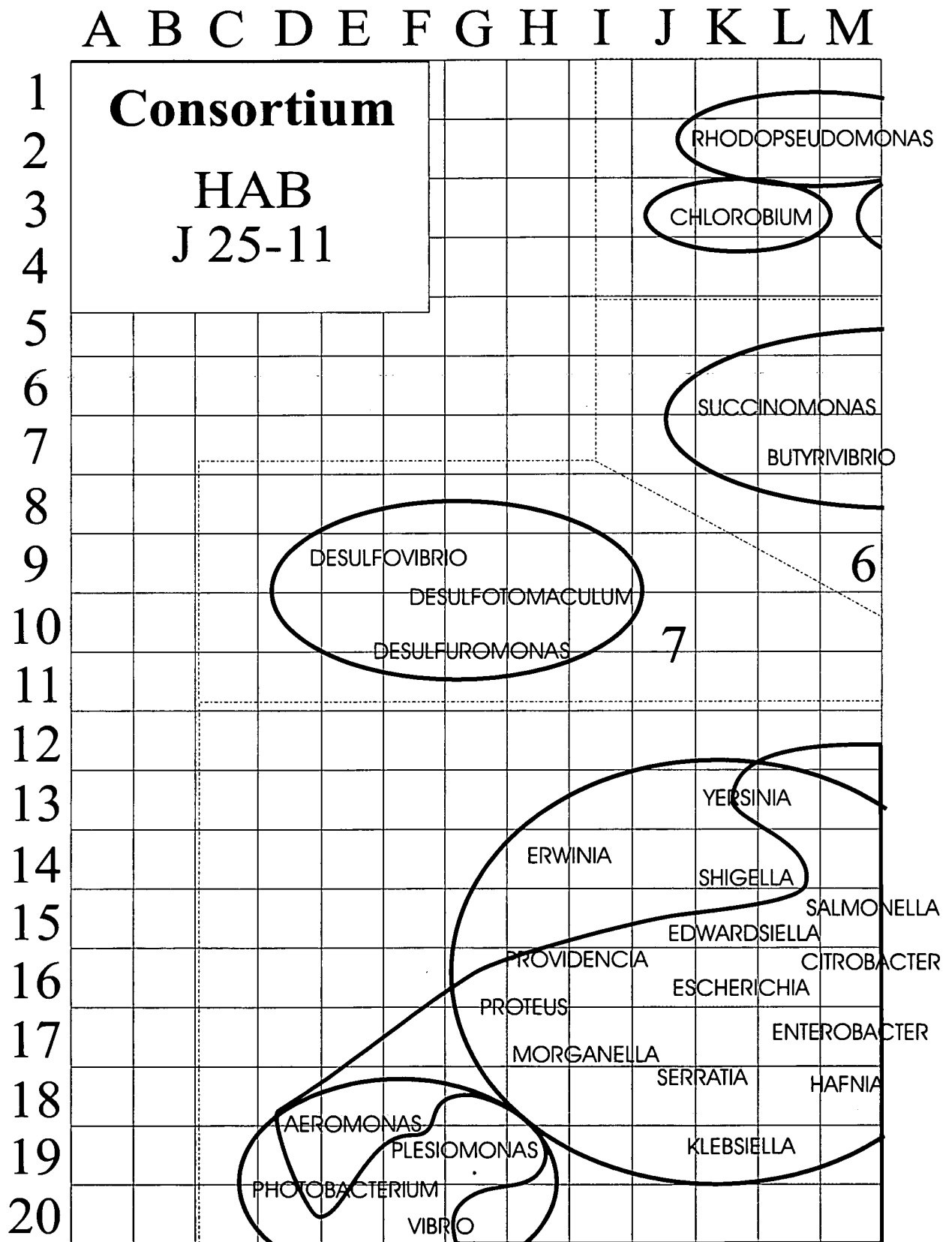


FIG. 4I(1)

REPLACEMENT SHEET

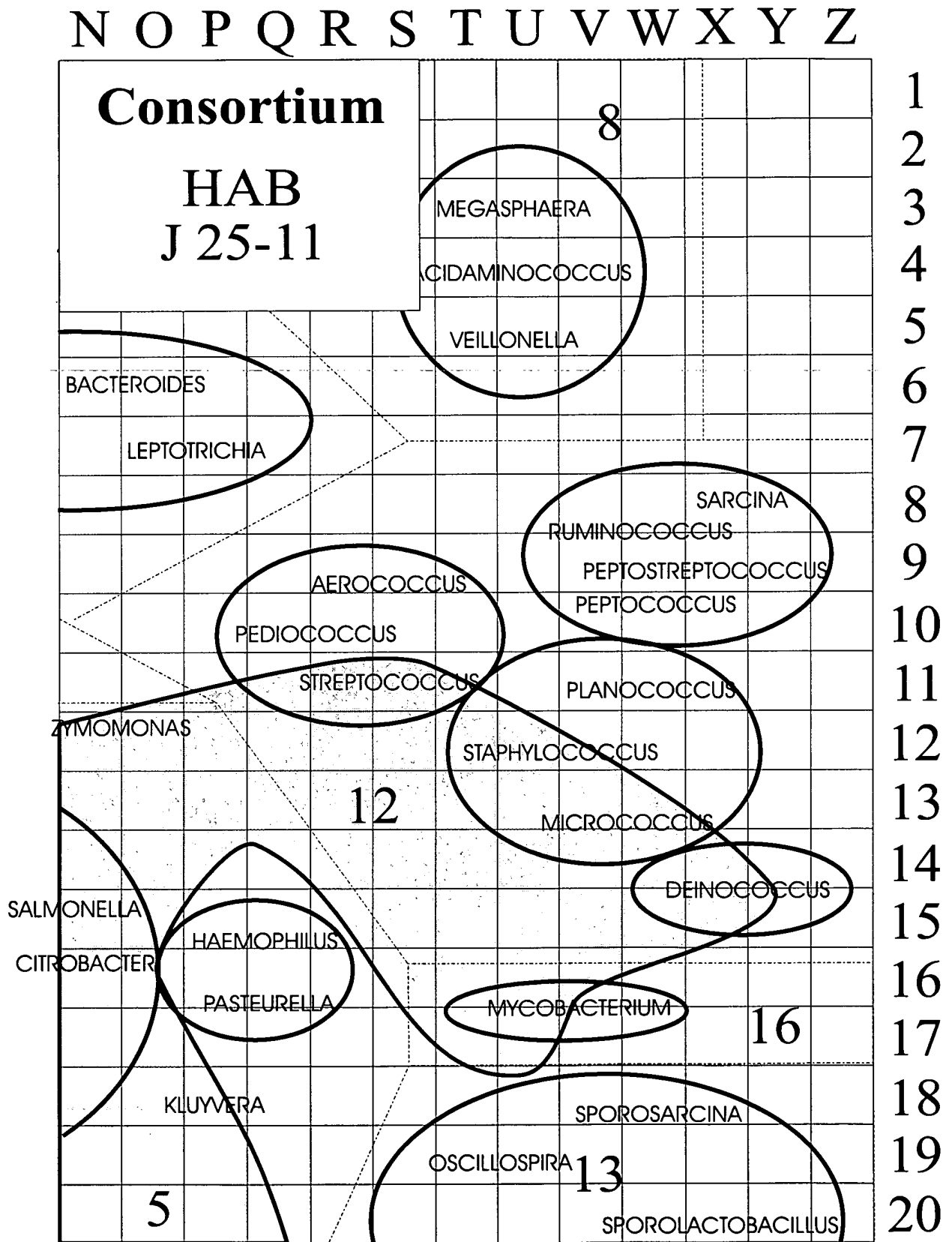
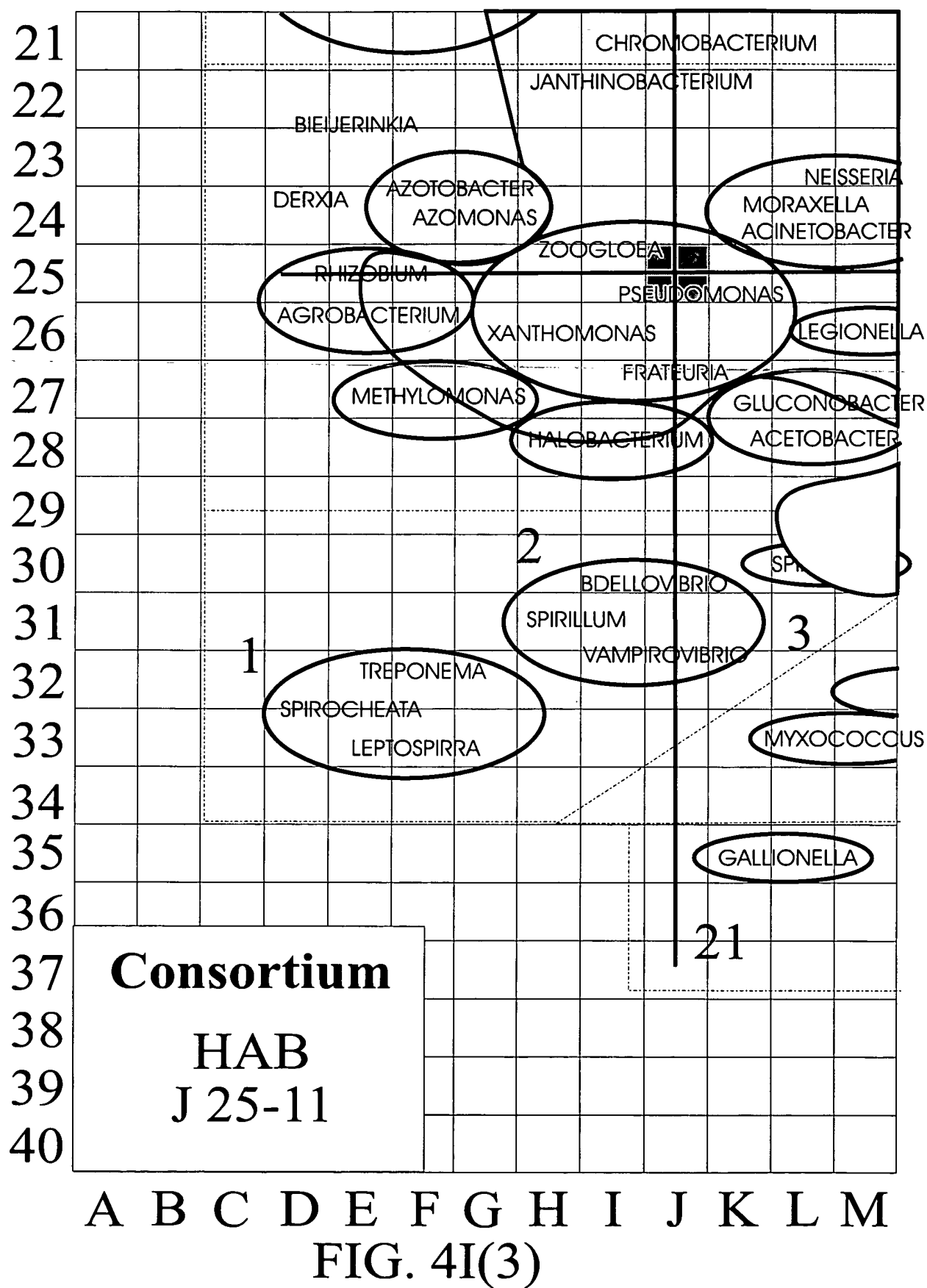
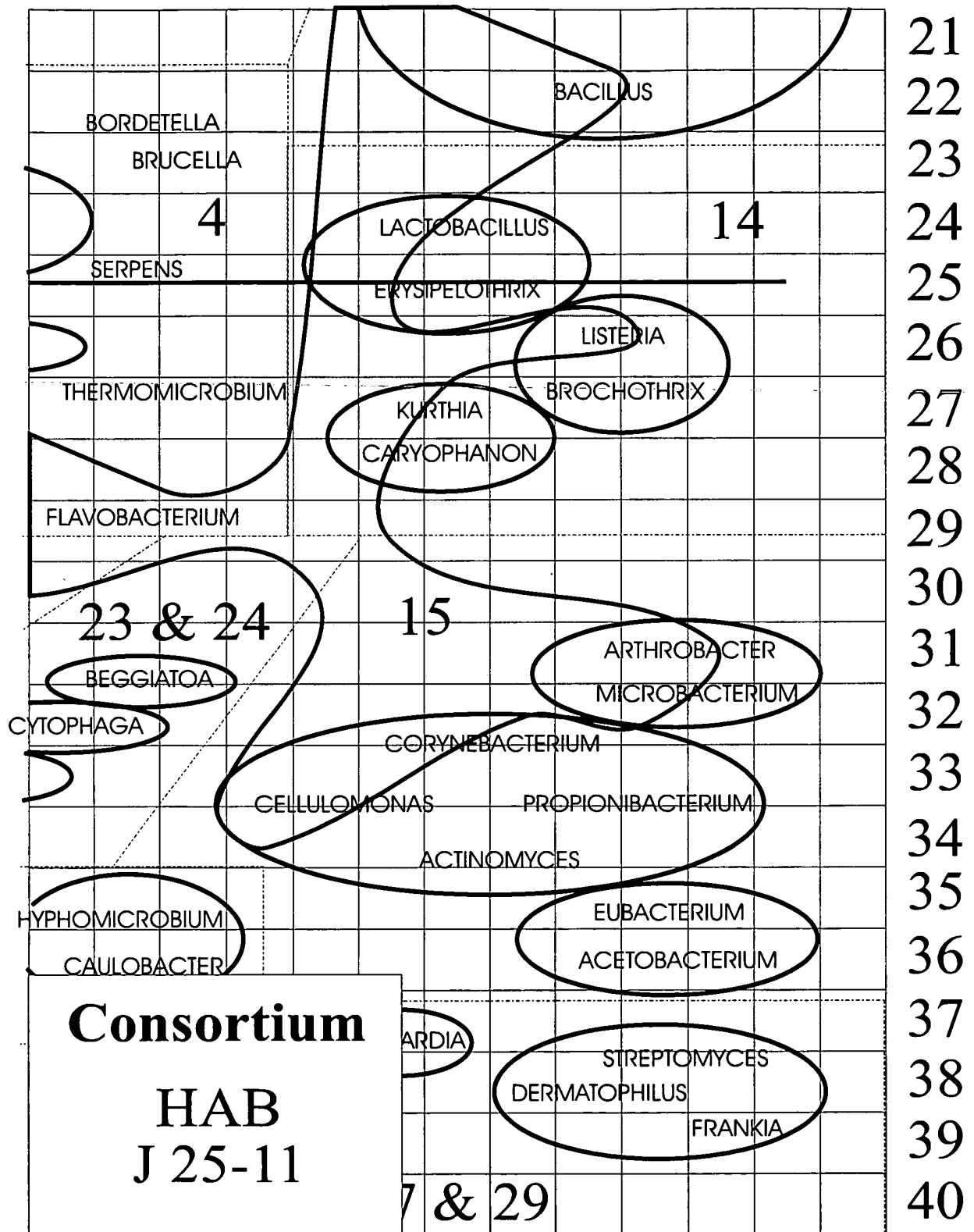


FIG. 4I(2)

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FIG. 4I(4)

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